

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040530.D
 Acq On : 29 Feb 2024 12:29
 Operator : JC/MD
 Sample : VX0229WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS01

Quant Time: Mar 01 03:45:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74765	51.366	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.385	113	53004	51.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.647	98	186033	50.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	74618	52.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20230	18.680	ug/l	97
3) Chloromethane	1.294	50	19393	18.053	ug/l	100
4) Vinyl Chloride	1.374	62	20535	17.678	ug/l	96
5) Bromomethane	1.605	94	14793	22.916	ug/l	100
6) Chloroethane	1.685	64	13448	18.293	ug/l	94
7) Trichlorofluoromethane	1.886	101	32349	17.632	ug/l	100
8) Diethyl Ether	2.130	74	11196	17.459	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18617	18.852	ug/l	96
10) Methyl Iodide	2.453	142	18869	20.622	ug/l	99
11) Tert butyl alcohol	2.953	59	24415	99.783	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	17590	17.741	ug/l	95
13) Acrolein	2.233	56	17488	111.480	ug/l	99
14) Allyl chloride	2.666	41	31266	18.025	ug/l	90
15) Acrylonitrile	3.062	53	55573	90.545	ug/l	95
16) Acetone	2.374	43	62884	132.479	ug/l	97
17) Carbon Disulfide	2.514	76	42125	15.343	ug/l	97
18) Methyl Acetate	2.703	43	29548	20.191	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63918	18.900	ug/l	98
20) Methylene Chloride	2.788	84	20611	18.145	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	18850	17.827	ug/l	98
22) Diisopropyl ether	3.757	45	63596	18.245	ug/l	94
23) Vinyl Acetate	3.721	43	296061	92.720	ug/l	100
24) 1,1-Dichloroethane	3.605	63	37000	18.202	ug/l	99
25) 2-Butanone	4.550	43	86225	104.260	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31359	19.376	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	21598	17.460	ug/l	96
28) Bromochloromethane	4.891	49	15510	18.241	ug/l	98
29) Tetrahydrofuran	5.001	42	53595	92.895	ug/l	96
30) Chloroform	5.093	83	40601	18.818	ug/l	95
31) Cyclohexane	5.464	56	29015	17.595	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	35326	19.183	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28654	18.232	ug/l	99
37) Ethyl Acetate	4.708	43	32462	18.874	ug/l	99
38) Carbon Tetrachloride	5.672	117	28916	19.046	ug/l	96
39) Methylcyclohexane	7.379	83	29743	17.529	ug/l	97
40) Benzene	6.038	78	76969	18.089	ug/l	97

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 Supervised By :Semsettin Yesilyurt 03/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17040	17.736	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	36783	20.887	ug/l	98
43) Isopropyl Acetate	6.336	43	51125	18.944	ug/l	98
44) Trichloroethene	7.123	130	20814	18.189	ug/l	94
45) 1,2-Dichloropropane	7.428	63	19514	17.136	ug/l	99
46) Dibromomethane	7.580	93	14460	17.272	ug/l	96
47) Bromodichloromethane	7.824	83	28305	17.171	ug/l	98
48) Methyl methacrylate	7.690	41	24790	18.378	ug/l	93
49) 1,4-Dioxane	7.653	88	9838	385.540	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	173826	97.417	ug/l	98
52) Toluene	8.714	92	50968	19.518	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	32010	19.135	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32541	18.097	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21626	19.956	ug/l	92
56) Ethyl methacrylate	9.116	69	32915	19.644	ug/l	94
57) 1,3-Dichloropropane	9.305	76	36325	19.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70034	79.717	ug/l	97
59) 2-Hexanone	9.427	43	140177	102.178	ug/l	97
60) Dibromochloromethane	9.519	129	22484	19.102	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22873	19.342	ug/l	98
64) Tetrachloroethene	9.269	164	18941	19.317	ug/l	94
65) Chlorobenzene	10.079	112	54274	18.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20379	19.465	ug/l	99
67) Ethyl Benzene	10.195	91	103783	19.084	ug/l	97
68) m/p-Xylenes	10.299	106	75241	37.051	ug/l	94
69) o-Xylene	10.640	106	36231	18.654	ug/l	92
70) Styrene	10.653	104	60798	18.777	ug/l	97
71) Bromoform	10.799	173	16087	18.771	ug/l #	99
73) Isopropylbenzene	10.963	105	100300	20.487	ug/l	99
74) N-amyl acetate	10.842	43	44202	19.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34966	19.749	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29761m	20.342	ug/l	
77) Bromobenzene	11.195	156	23856	20.608	ug/l	96
78) n-propylbenzene	11.305	91	121811	20.059	ug/l	96
79) 2-Chlorotoluene	11.366	91	72909	19.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79309	19.048	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8676	19.769	ug/l	92
82) 4-Chlorotoluene	11.451	91	79093	18.710	ug/l	99
83) tert-Butylbenzene	11.713	119	73668	18.767	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	78087	18.902	ug/l	99
85) sec-Butylbenzene	11.890	105	98044	19.012	ug/l	99
86) p-Isopropyltoluene	12.006	119	80337	18.900	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42566	18.447	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	43271	18.422	ug/l	98
89) n-Butylbenzene	12.335	91	77902	18.628	ug/l	99
90) Hexachloroethane	12.536	117	13692	19.354	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	41669	18.950	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7736	18.742	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28828	20.089	ug/l	98
94) Hexachlorobutadiene	13.725	225	11883	20.261	ug/l	99
95) Naphthalene	13.774	128	94304	20.564	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28287	20.737	ug/l	98

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MSVOA_X
ClientSampleId :
VX0229WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

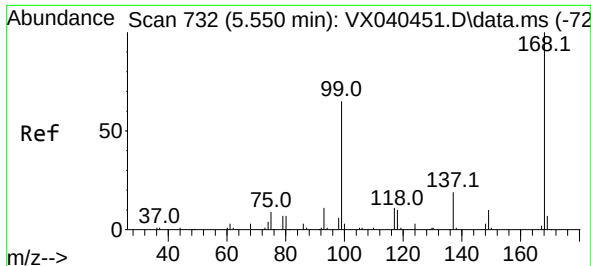
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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

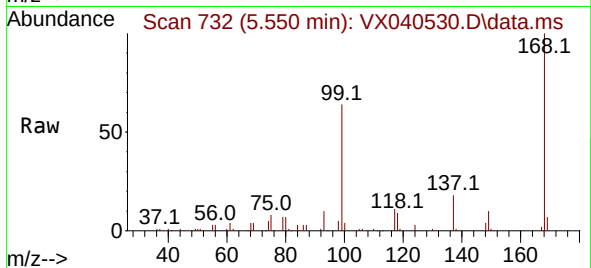
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040530.D
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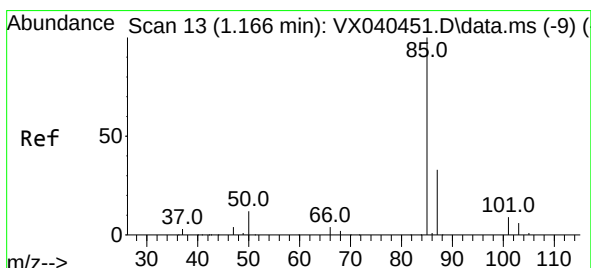
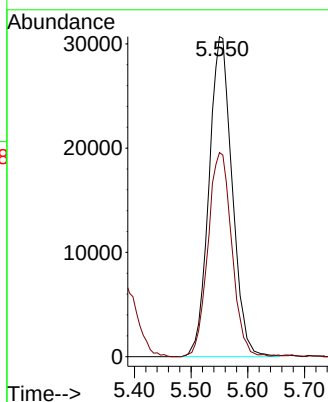
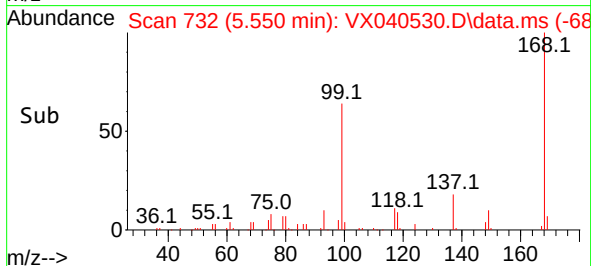
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:168 Resp: 87024
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0

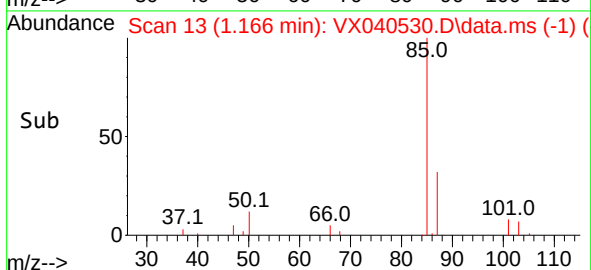
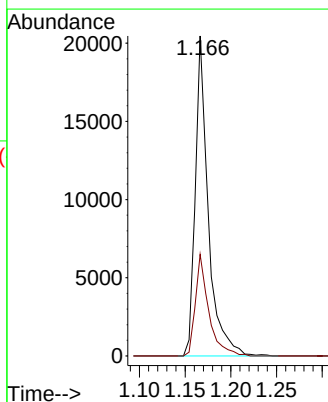
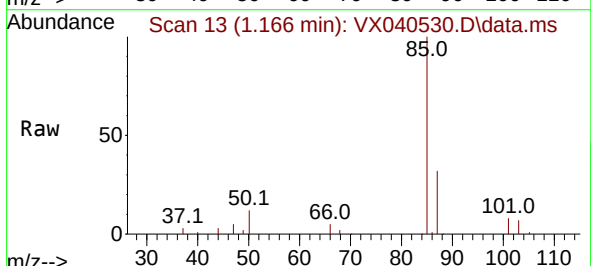
Manual Integrations
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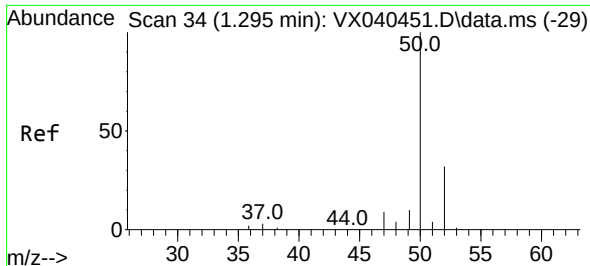
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#2
Dichlorodifluoromethane
Concen: 18.680 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 85 Resp: 20230
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





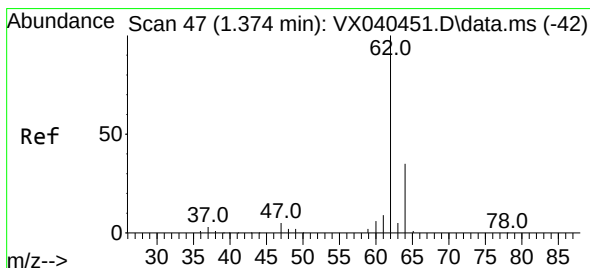
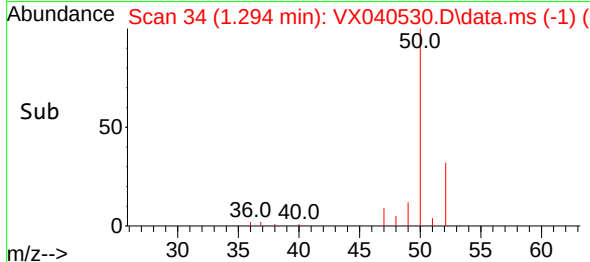
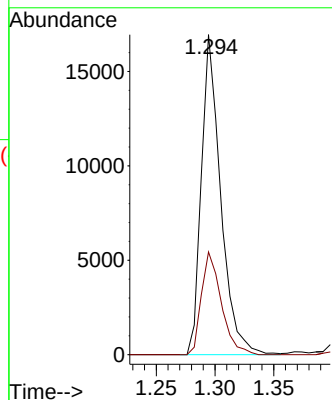
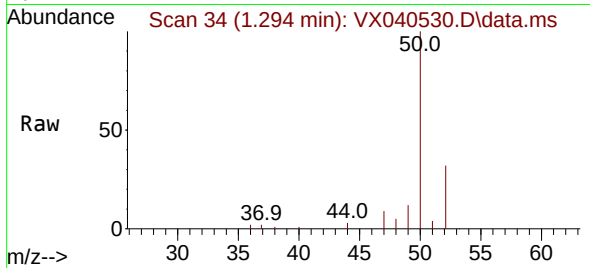
#3
Chloromethane
Concen: 18.053 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 50 Resp: 1939
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

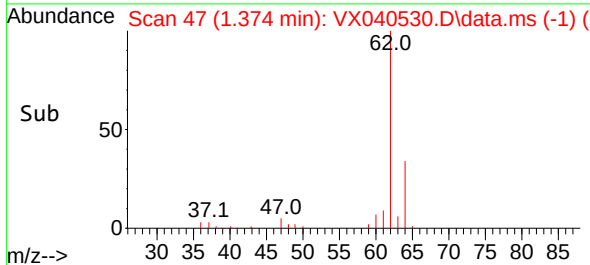
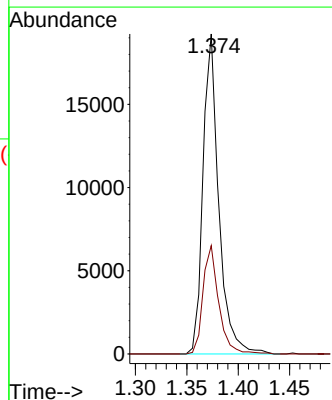
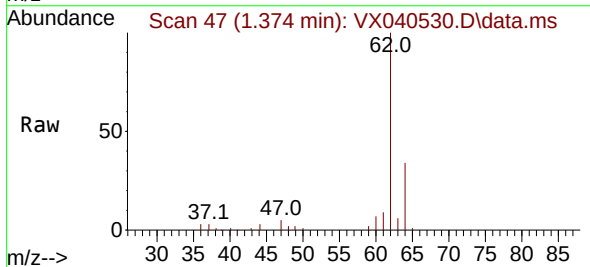
Manual Integrations
APPROVED

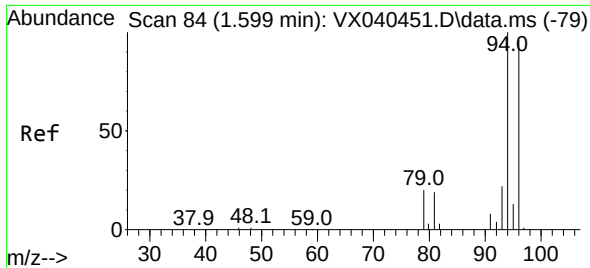
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#4
Vinyl Chloride
Concen: 17.678 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 62 Resp: 20535
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.0





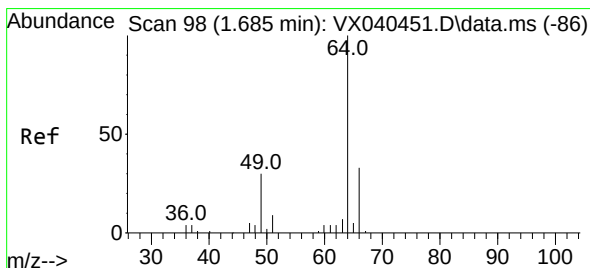
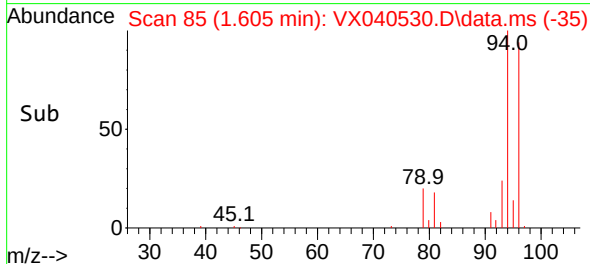
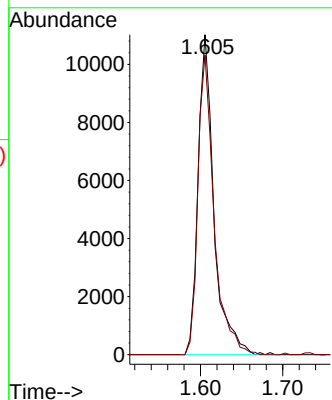
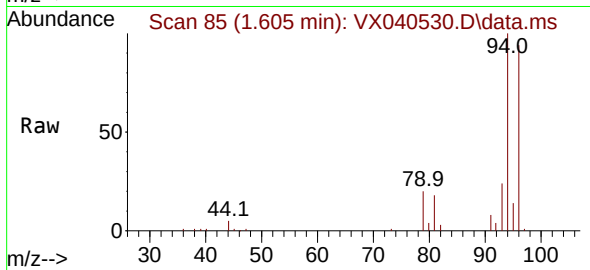
#5
Bromomethane
Concen: 22.916 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
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ClientSampleId :
VX0229WBS01

Tgt Ion: 94 Resp: 1479
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

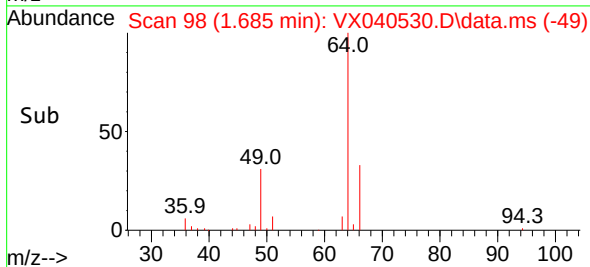
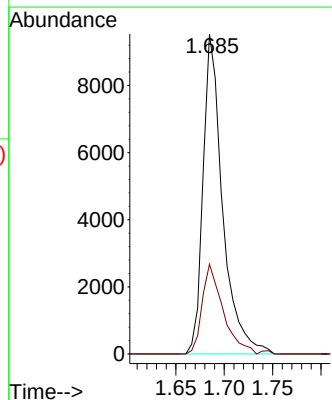
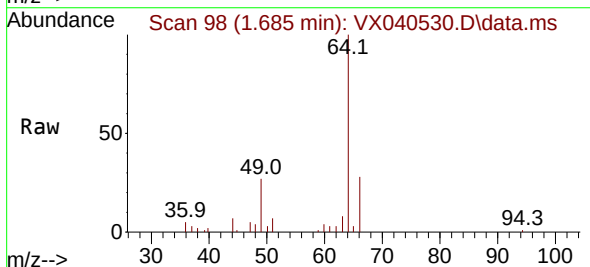
Manual Integrations
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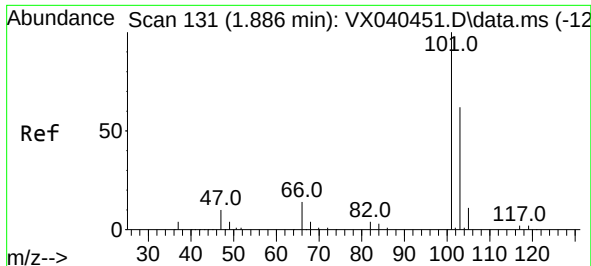
Reviewed By :John Carlone 03/01/2024
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#6
Chloroethane
Concen: 18.293 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

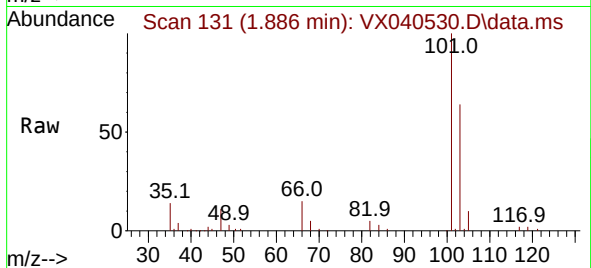
Tgt Ion: 64 Resp: 13448
Ion Ratio Lower Upper
64 100
66 28.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 17.632 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

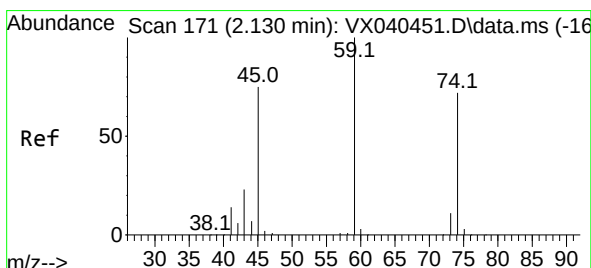
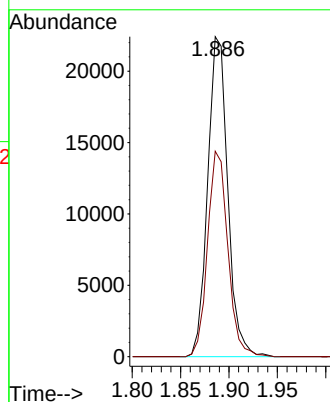
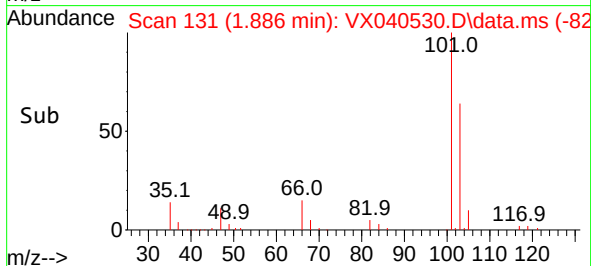
Instrument :
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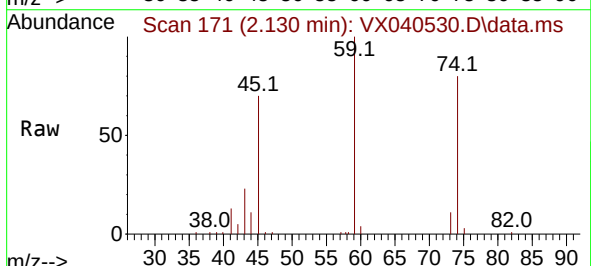
Tgt Ion:101 Resp: 32349
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

Manual Integrations
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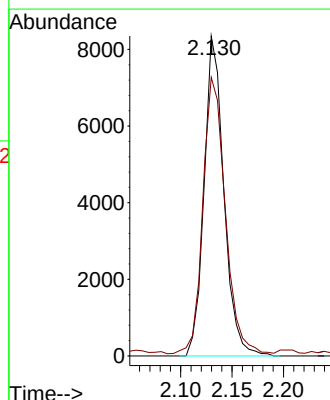
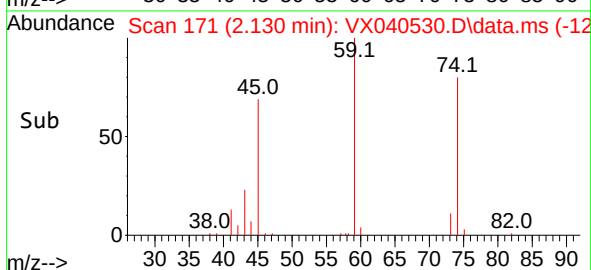
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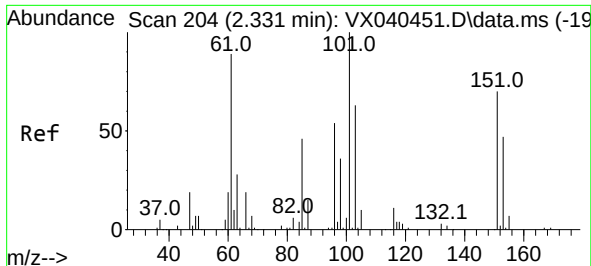


#8
Diethyl Ether
Concen: 17.459 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29



Tgt Ion: 74 Resp: 11196
Ion Ratio Lower Upper
74 100
45 97.5 53.3 159.8





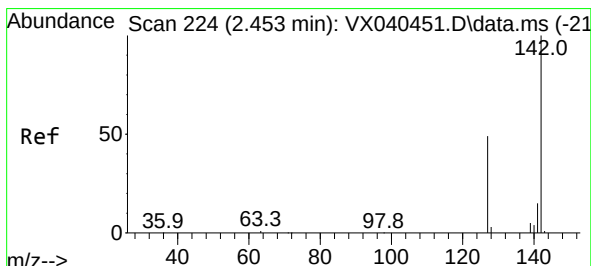
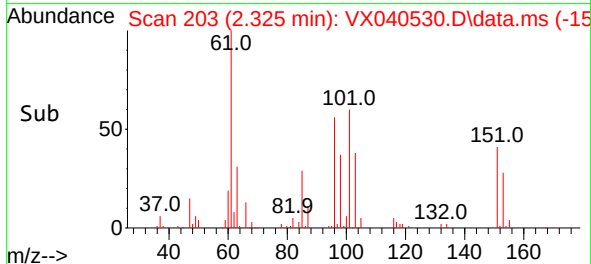
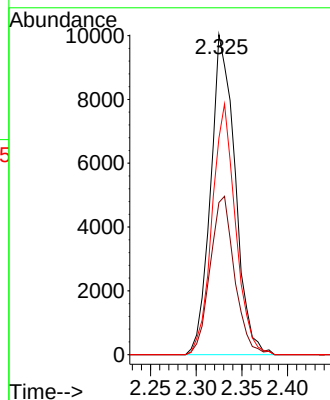
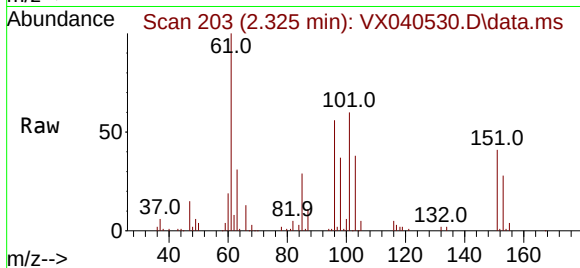
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.852 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion:101 Resp: 1861
Ion Ratio Lower Upper
101 100
85 49.6 37.0 55.6
151 75.4 58.6 87.8

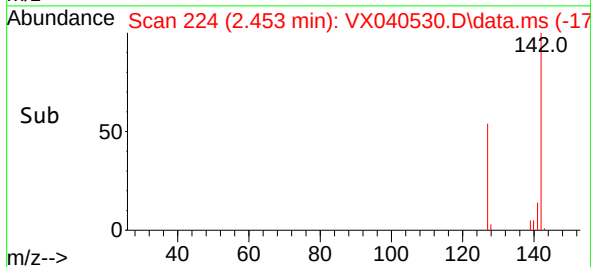
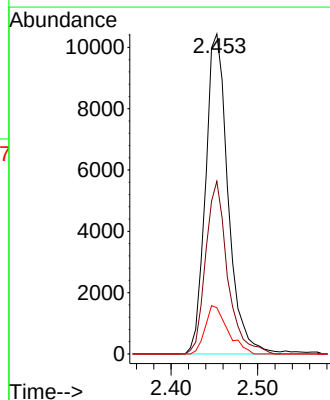
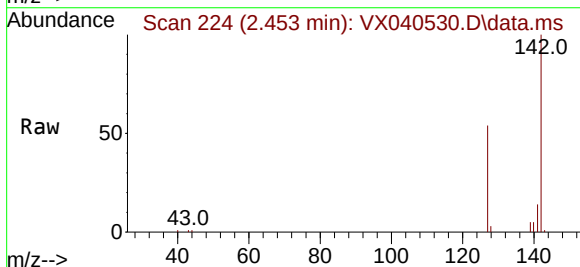
Manual Integrations
APPROVED

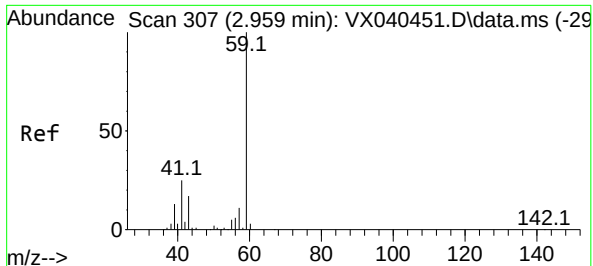
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#10
Methyl Iodide
Concen: 20.622 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:142 Resp: 18869
Ion Ratio Lower Upper
142 100
127 52.3 41.6 62.4
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 99.783 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 59 Resp: 2441

Ion Ratio Lower Upper

59 100

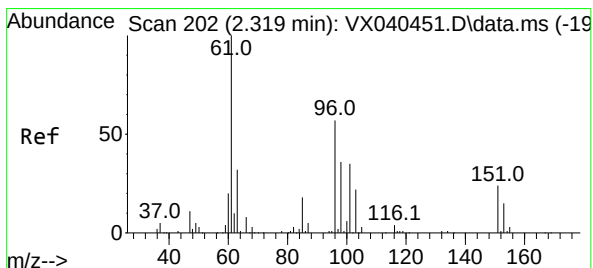
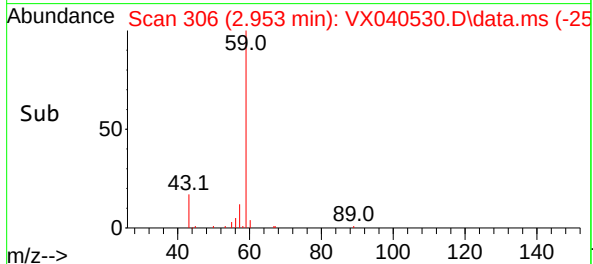
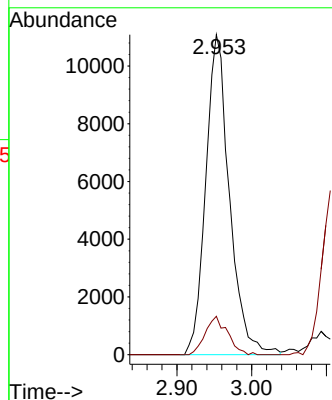
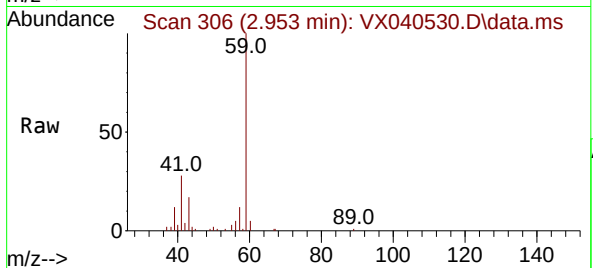
57 11.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#12

1,1-Dichloroethene

Concen: 17.741 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

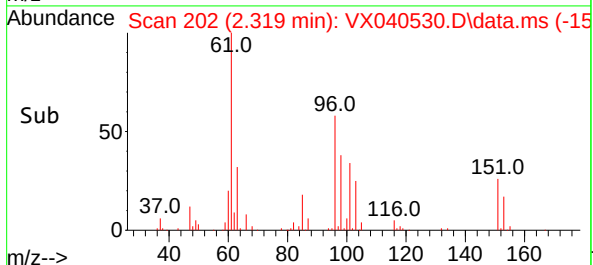
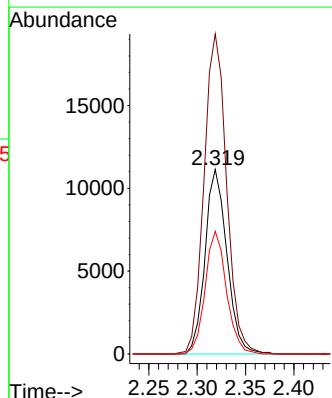
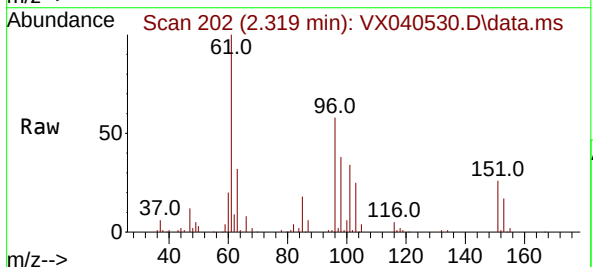
Tgt Ion: 96 Resp: 17590

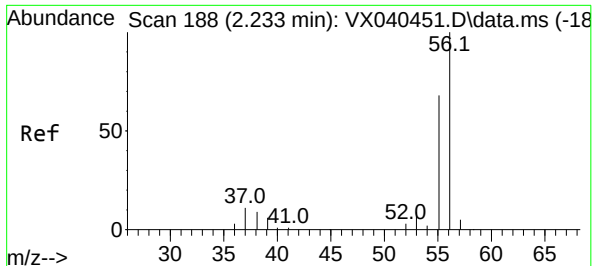
Ion Ratio Lower Upper

96 100

61 173.5 144.6 216.8

98 66.5 50.4 75.6





#13

Acrolein

Concen: 111.480 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 56 Resp: 1748

Ion Ratio Lower Upper

56 100

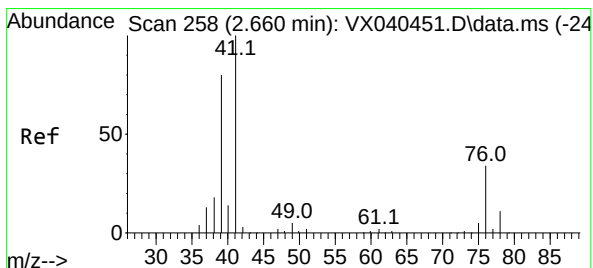
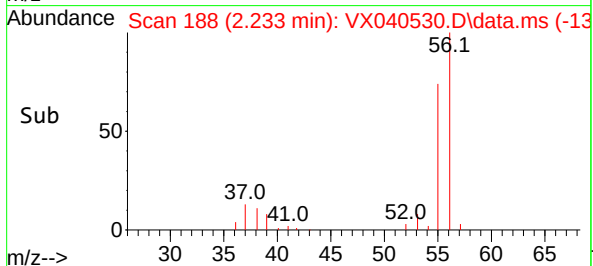
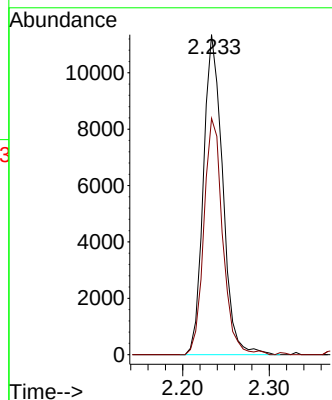
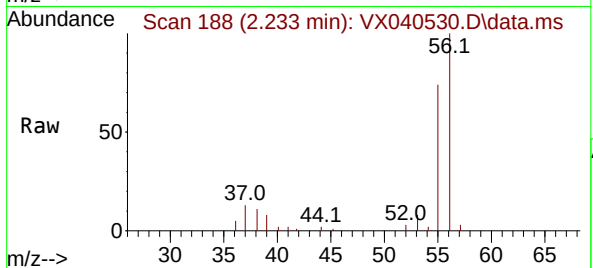
55 72.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#14

Allyl chloride

Concen: 18.025 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

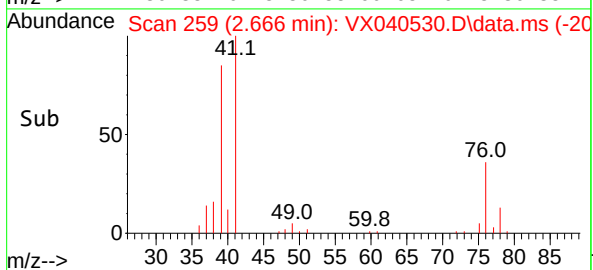
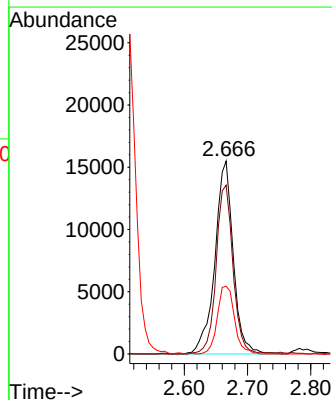
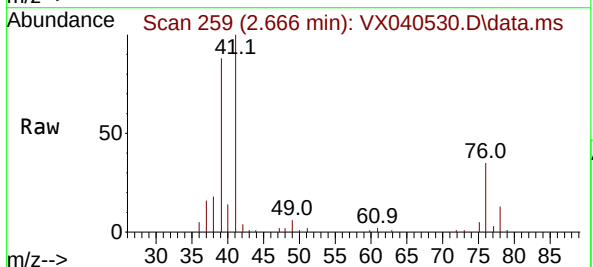
Tgt Ion: 41 Resp: 31266

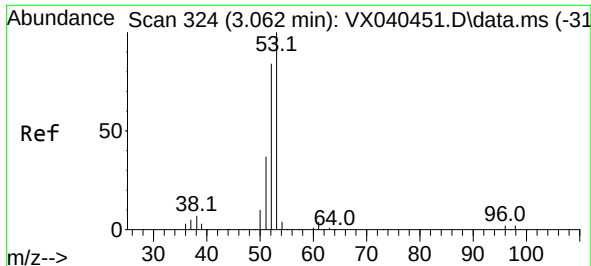
Ion Ratio Lower Upper

41 100

39 80.3 55.8 83.6

76 32.6 24.3 36.5





#15

Acrylonitrile

Concen: 90.545 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX040530.D

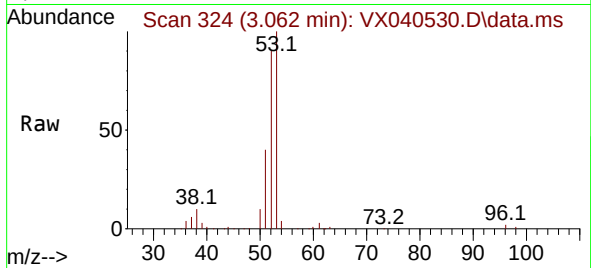
Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01



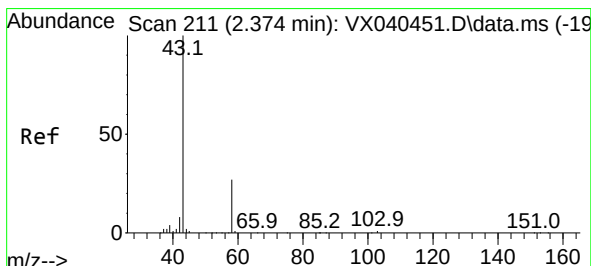
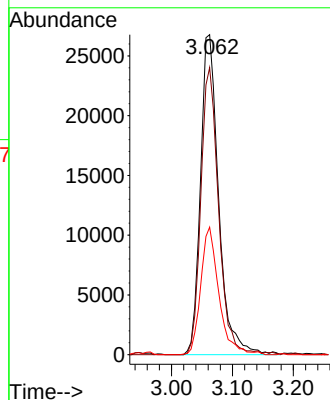
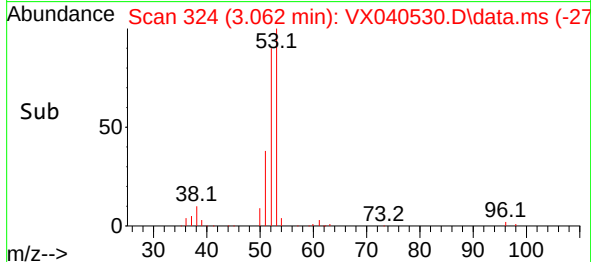
Tgt Ion:	53	Resp:	5557
Ion	Ratio	Lower	Upper
53	100		
52	87.5	66.0	99.0
51	39.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#16

Acetone

Concen: 132.479 ug/l

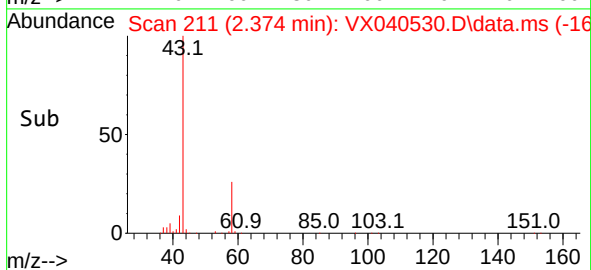
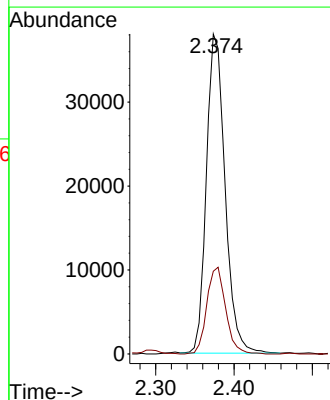
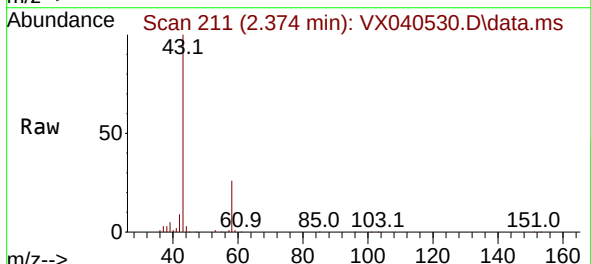
RT: 2.374 min Scan# 211

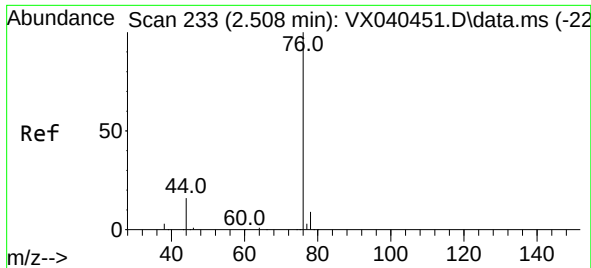
Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion:	43	Resp:	62884
Ion	Ratio	Lower	Upper
43	100		
58	25.9	21.9	32.9





#17

Carbon Disulfide

Concen: 15.343 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 76 Resp: 42125

Ion Ratio Lower Upper

76 100

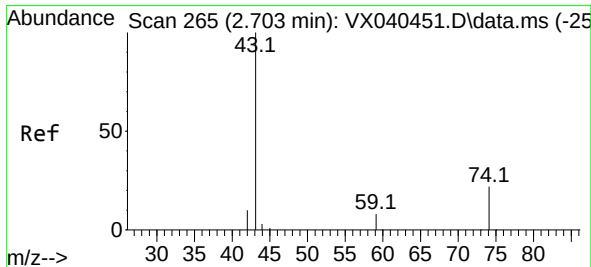
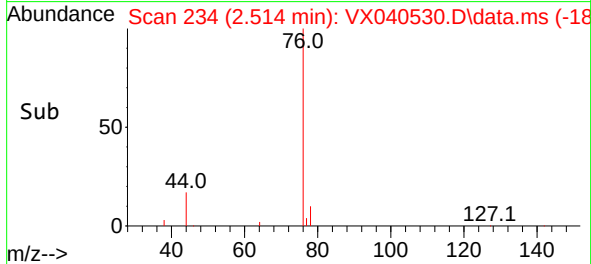
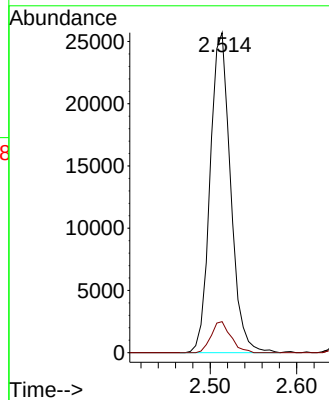
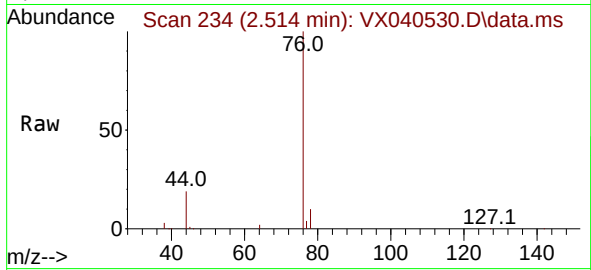
78 9.7 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#18

Methyl Acetate

Concen: 20.191 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040530.D

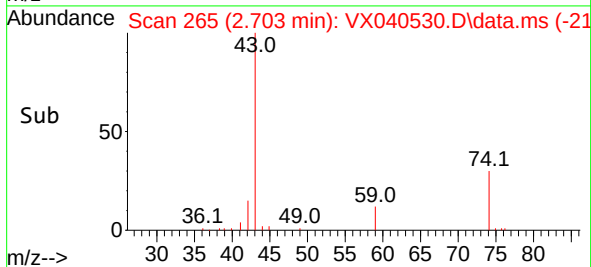
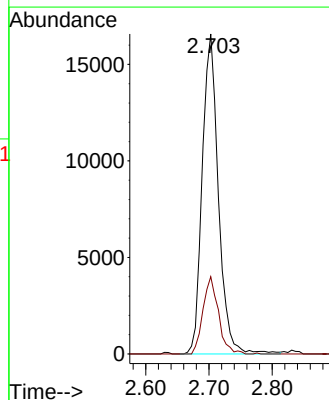
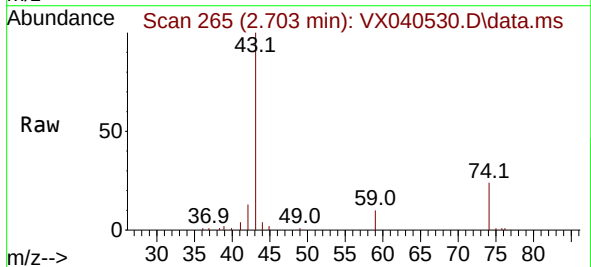
Acq: 29 Feb 2024 12:29

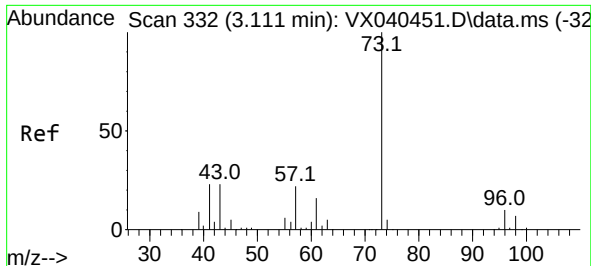
Tgt Ion: 43 Resp: 29548

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.8





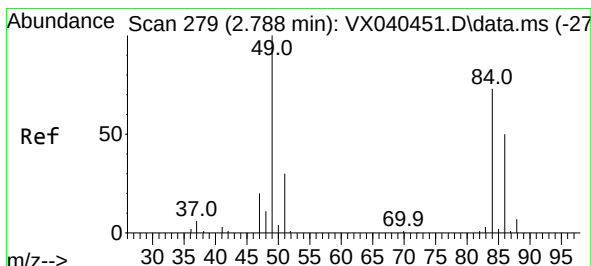
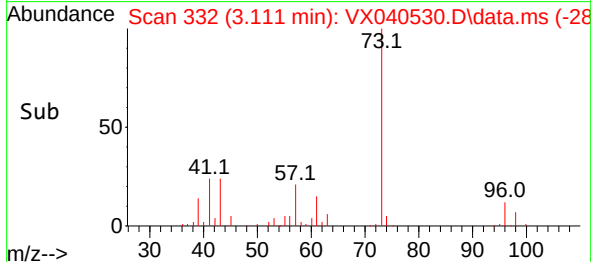
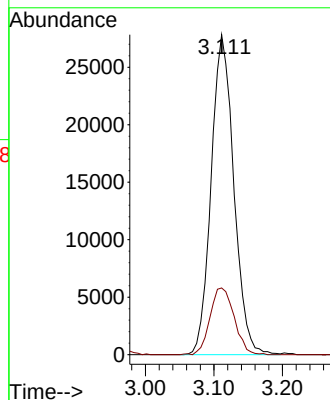
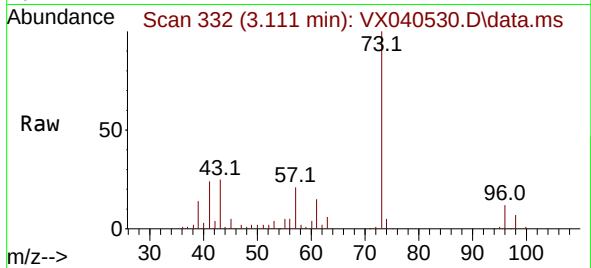
#19
Methyl tert-butyl Ether
Concen: 18.900 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 73 Resp: 63918
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

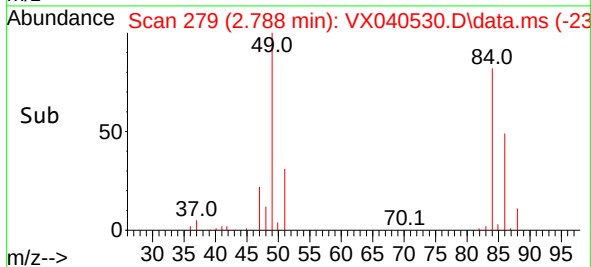
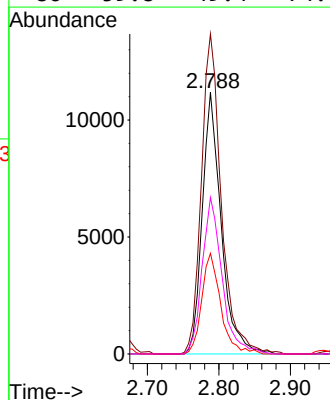
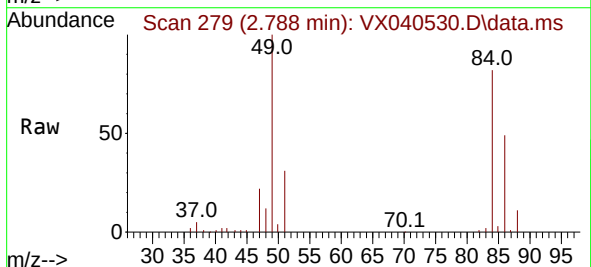
Manual Integrations
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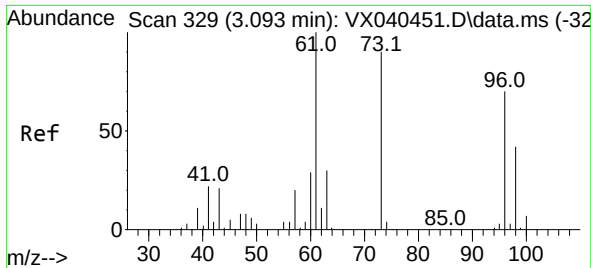
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#20
Methylene Chloride
Concen: 18.145 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 84 Resp: 20611
Ion Ratio Lower Upper
84 100
49 122.3 103.6 155.4
51 38.5 33.8 50.6
86 59.8 49.4 74.0





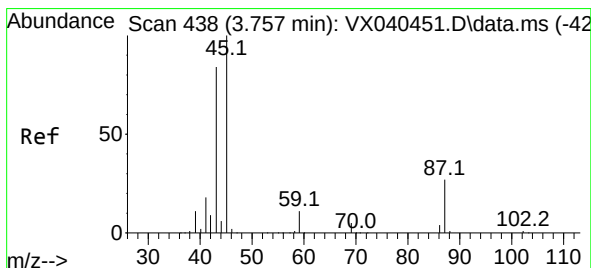
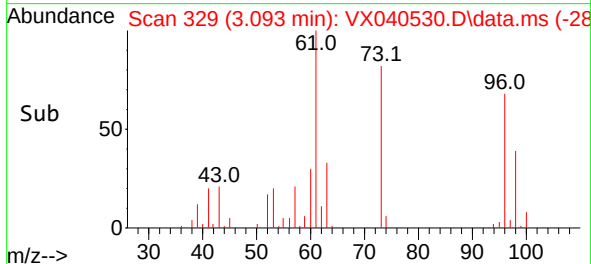
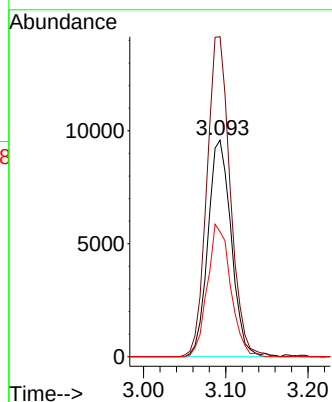
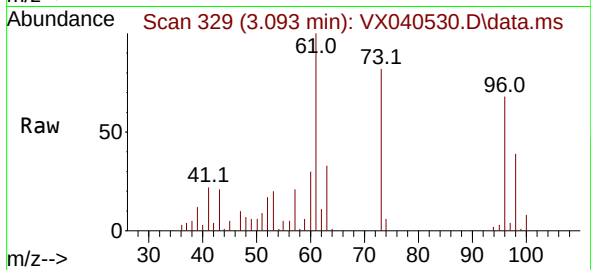
#21
trans-1,2-Dichloroethene
Concen: 17.827 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 96 Resp: 18850
Ion Ratio Lower Upper
96 100
61 147.8 119.2 178.8
98 57.7 48.7 73.1

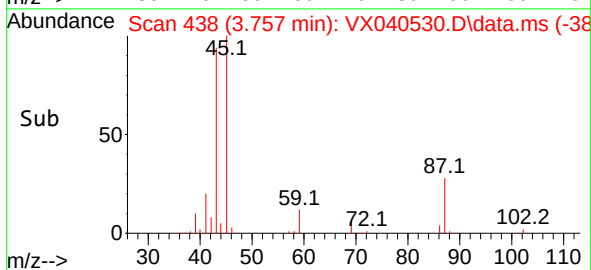
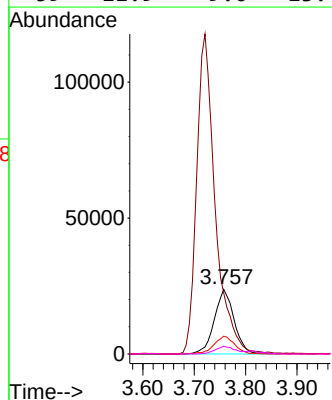
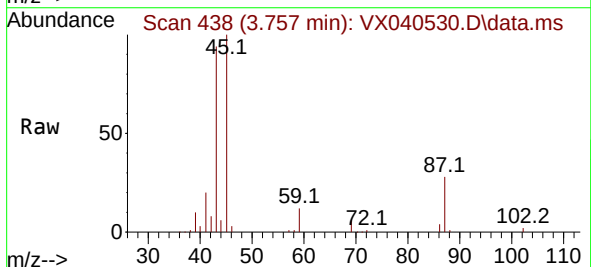
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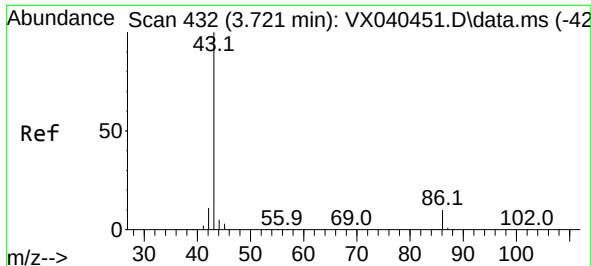
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#22
Diisopropyl ether
Concen: 18.245 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 45 Resp: 63596
Ion Ratio Lower Upper
45 100
43 93.6 69.7 104.5
87 27.6 20.8 31.2
59 11.9 9.0 13.4





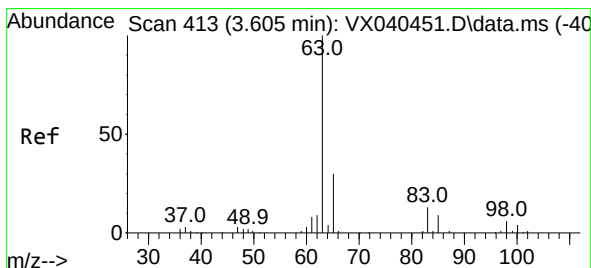
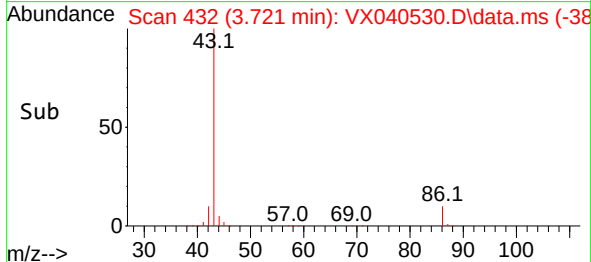
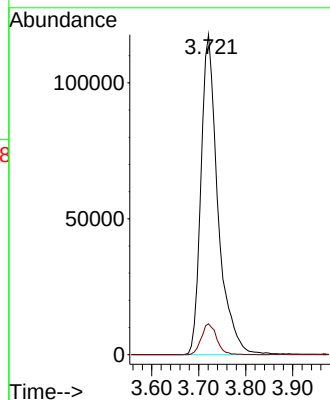
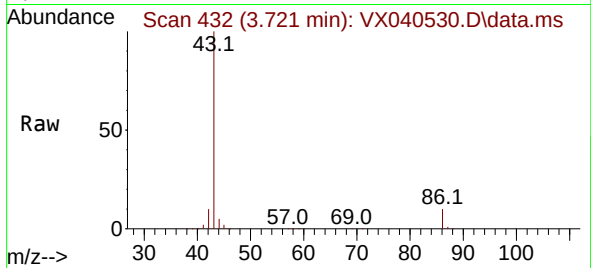
#23
 Vinyl Acetate
 Concen: 92.720 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040530.D
 Acq: 29 Feb 2024 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS01

Tgt Ion: 43 Resp: 29606
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

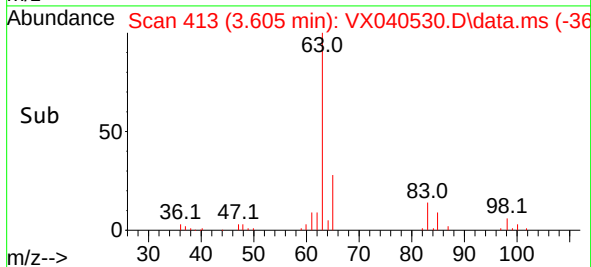
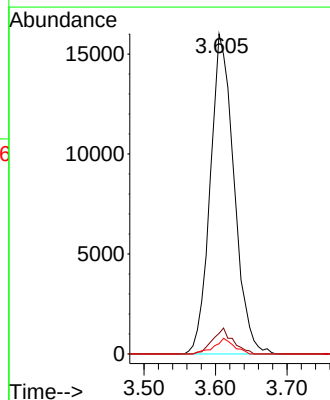
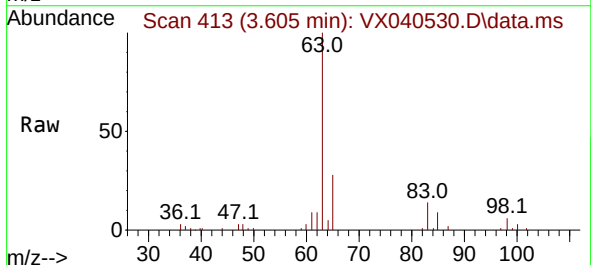
Manual Integrations
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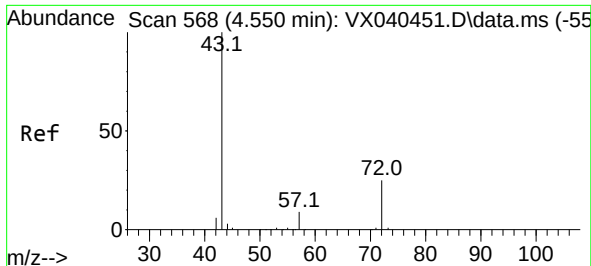
Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#24
 1,1-Dichloroethane
 Concen: 18.202 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040530.D
 Acq: 29 Feb 2024 12:29

Tgt Ion: 63 Resp: 37000
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.2 2.1 6.5





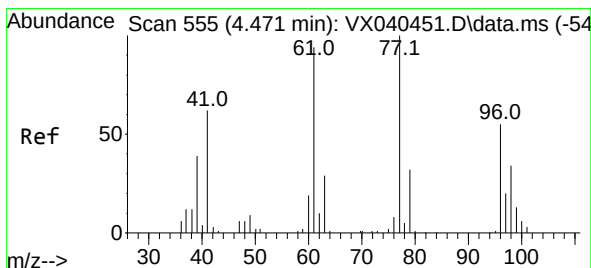
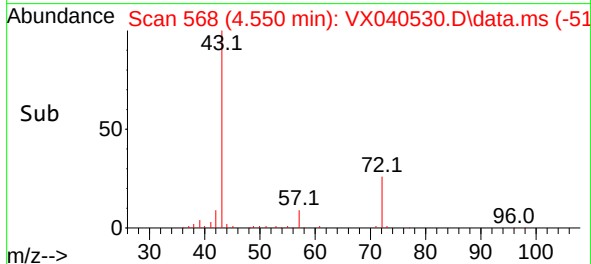
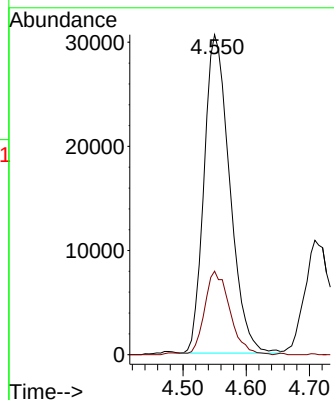
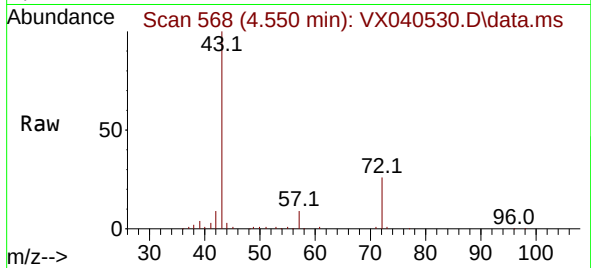
#25
2-Butanone
Concen: 104.260 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 43 Resp: 86225
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

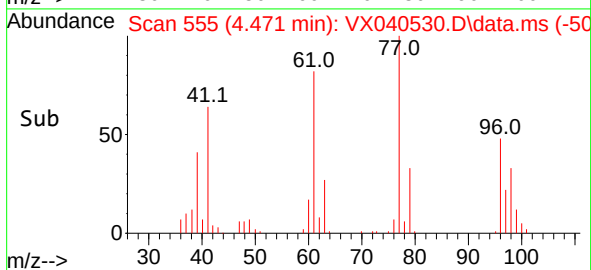
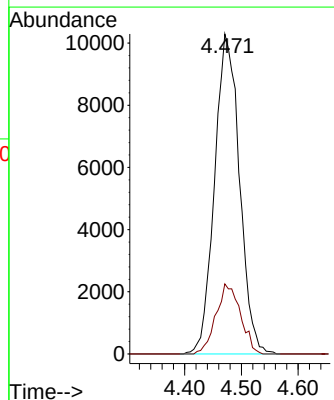
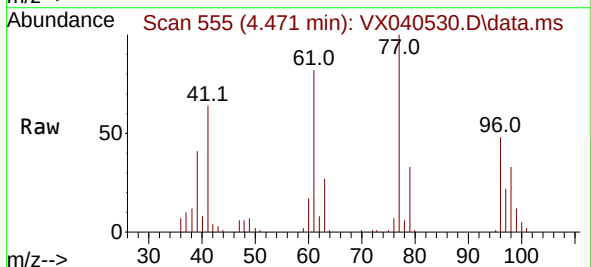
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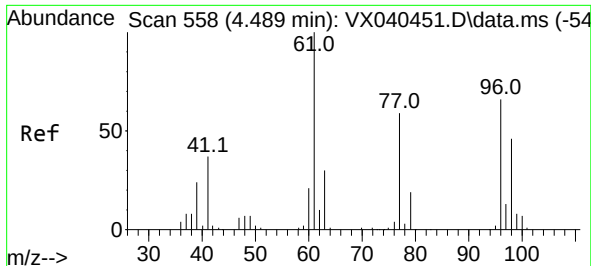
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#26
2,2-Dichloropropane
Concen: 19.376 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 77 Resp: 31359
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.460 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 96 Resp: 21598

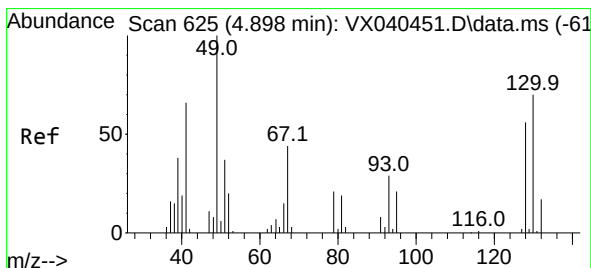
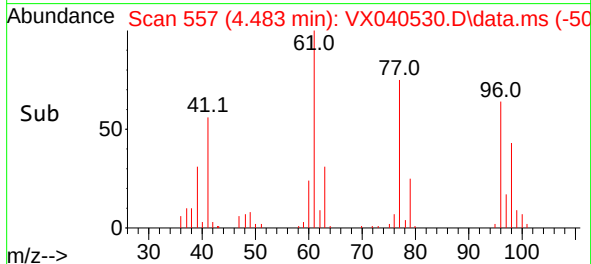
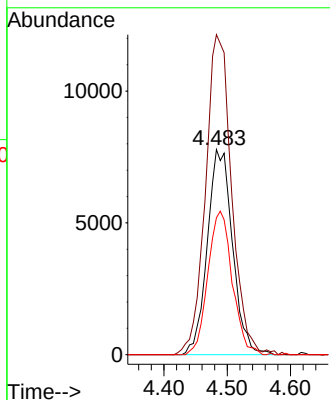
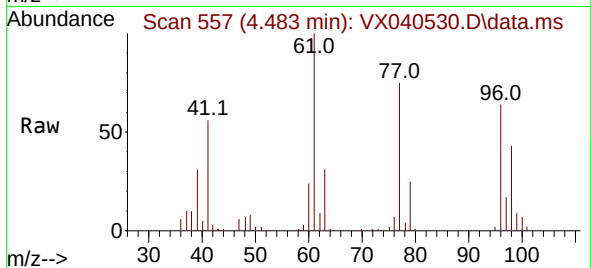
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	312.2
98	67.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#28

Bromochloromethane

Concen: 18.241 ug/l

RT: 4.891 min Scan# 624

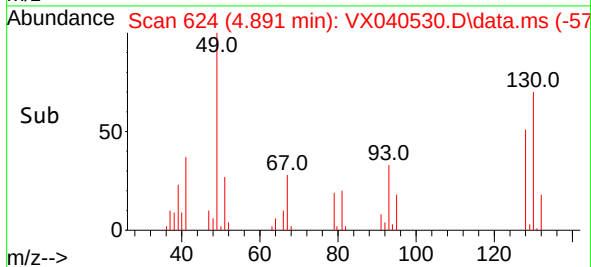
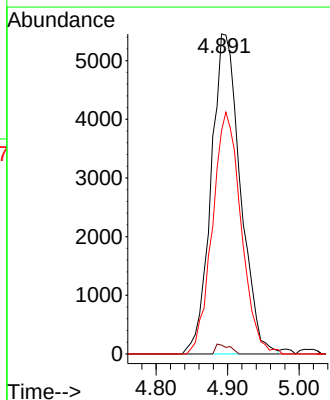
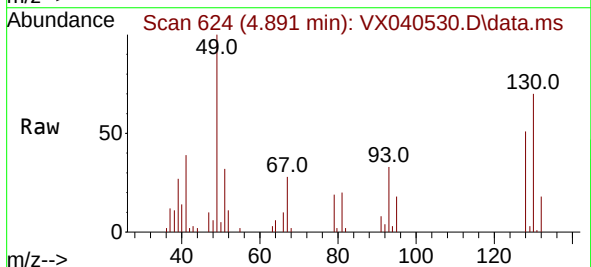
Delta R.T. -0.006 min

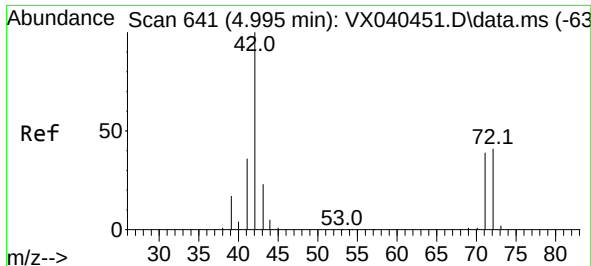
Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion: 49 Resp: 15510

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	73.8	57.5	86.3





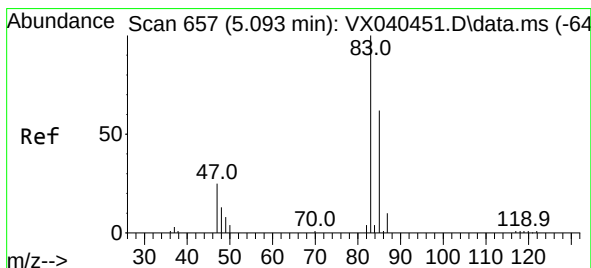
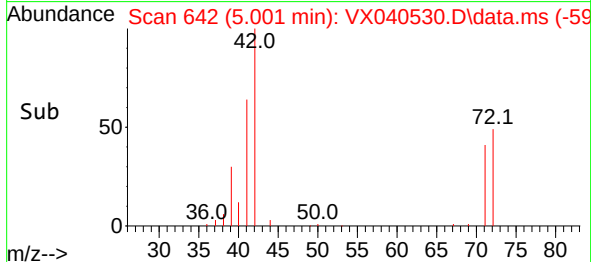
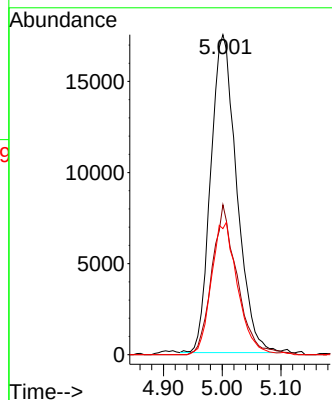
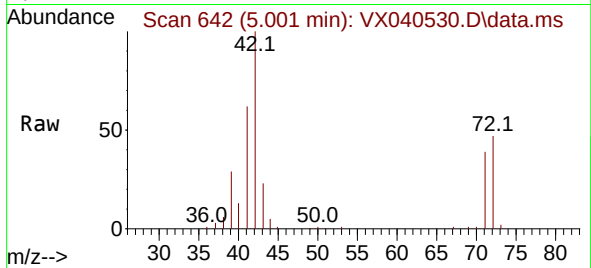
#29
Tetrahydrofuran
Concen: 92.895 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 42 Resp: 5359
Ion Ratio Lower Upper
42 100
72 45.9 34.2 51.4
71 42.4 32.2 48.2

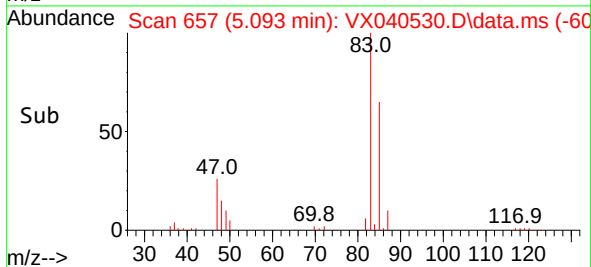
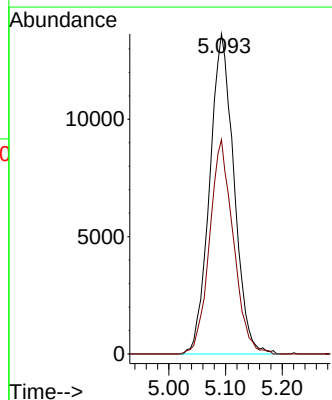
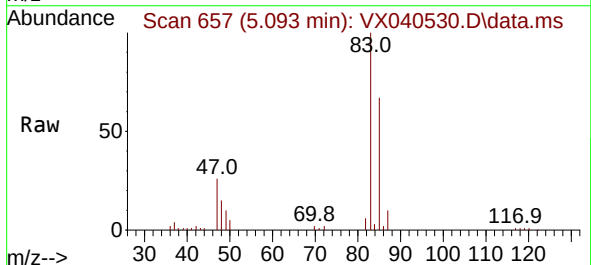
Manual Integrations
APPROVED

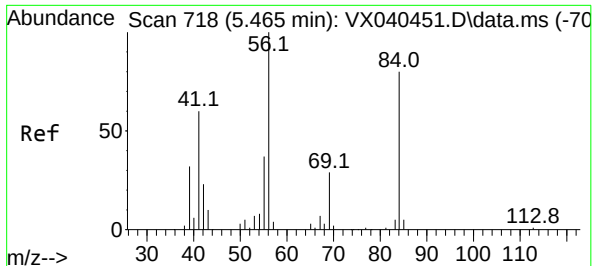
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#30
Chloroform
Concen: 18.818 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

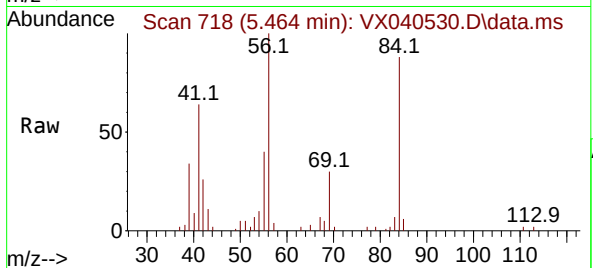
Tgt Ion: 83 Resp: 40601
Ion Ratio Lower Upper
83 100
85 67.0 50.3 75.5





#31
Cyclohexane
Concen: 17.595 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

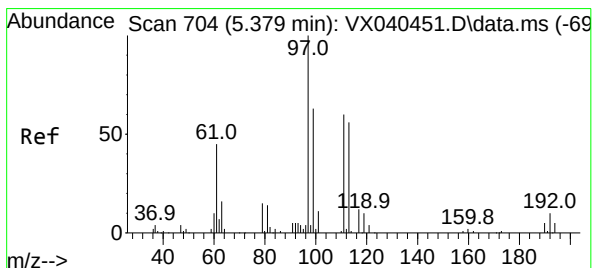
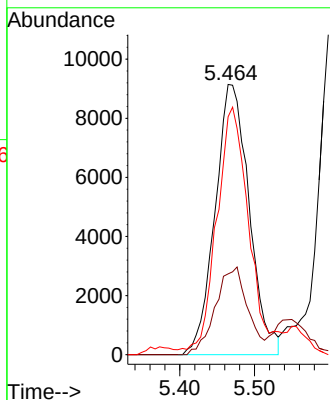
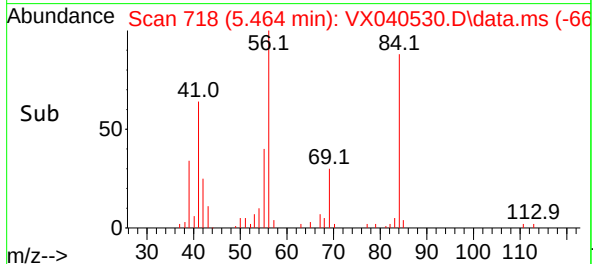
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 56 Resp: 2901
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 86.2 65.9 98.9

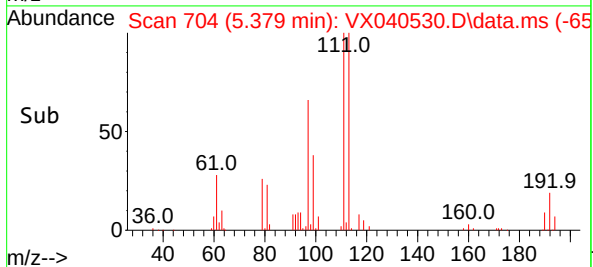
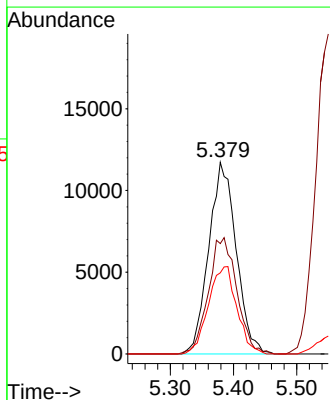
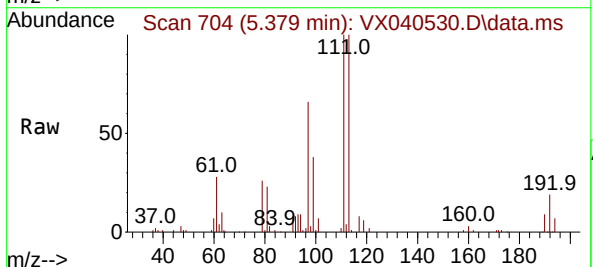
Manual Integrations
APPROVED

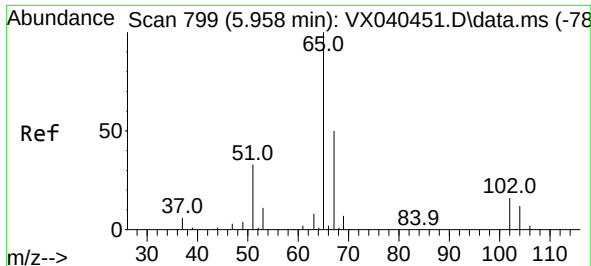
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#32
1,1,1-Trichloroethane
Concen: 19.183 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 97 Resp: 35326
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 47.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.366 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 65 Resp: 7476

Ion Ratio Lower Upper

65 100

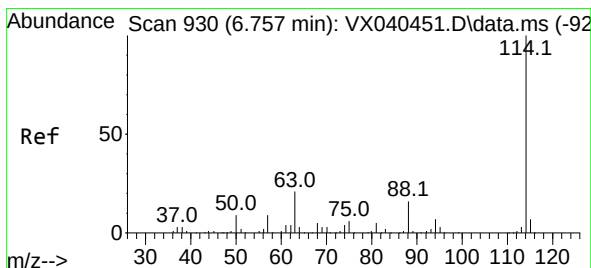
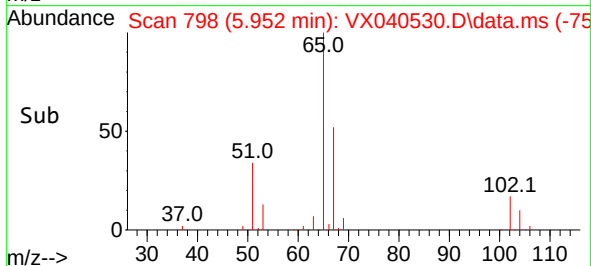
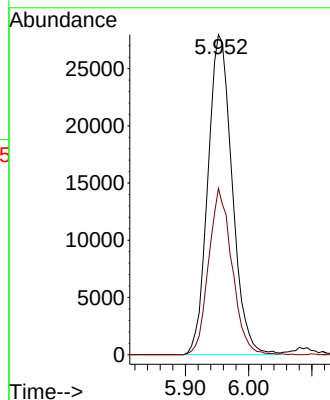
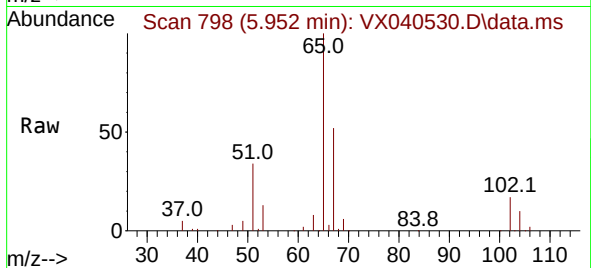
67 50.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

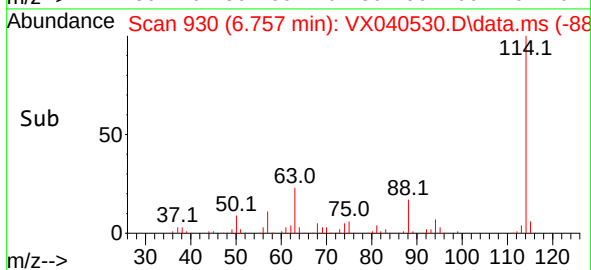
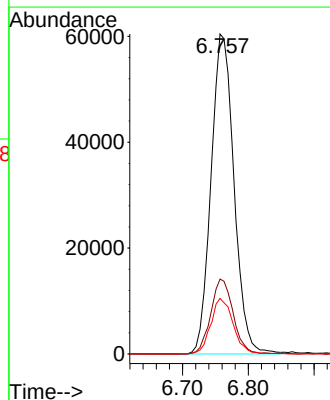
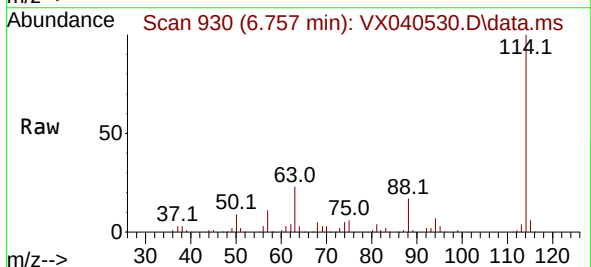
Tgt Ion:114 Resp: 146688

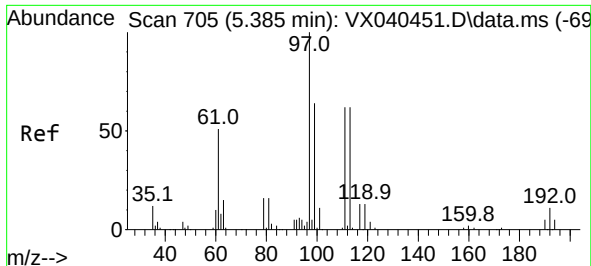
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

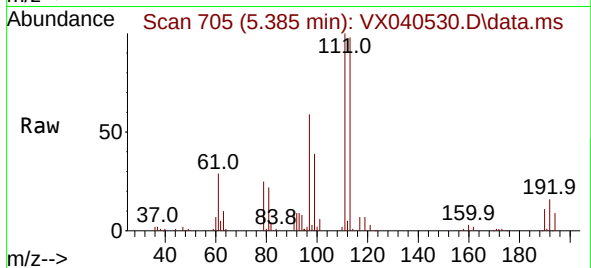
88 17.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.962 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

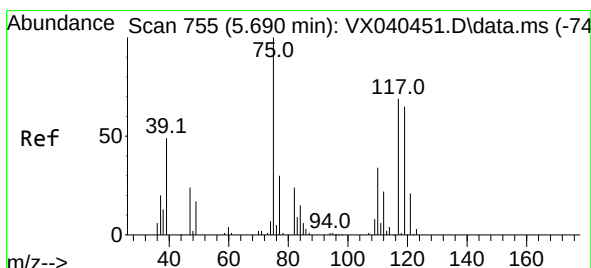
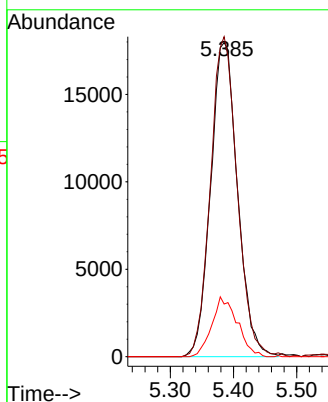
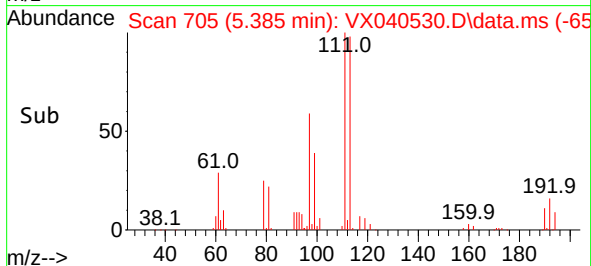
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:113 Resp: 53004
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.1 13.3 19.9

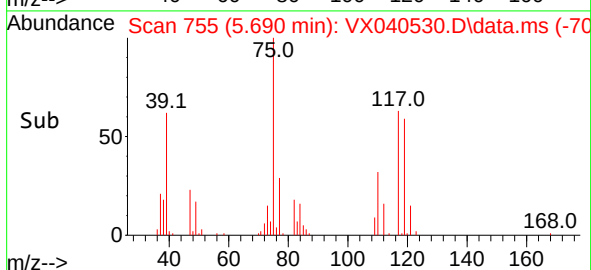
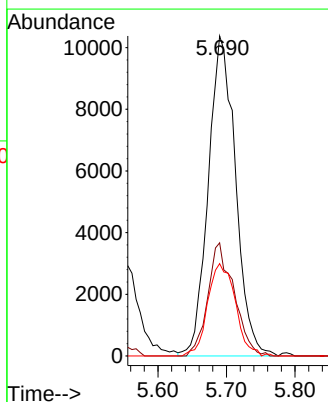
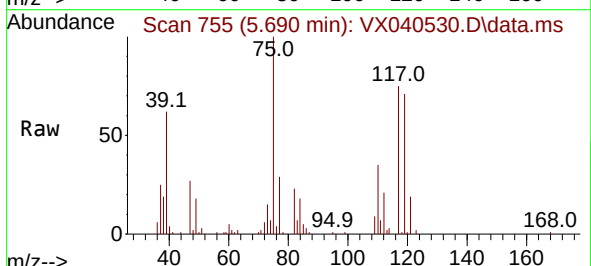
Manual Integrations
APPROVED

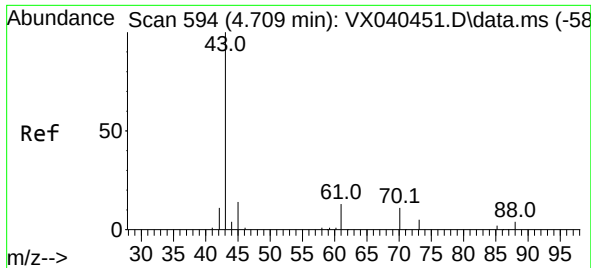
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#36
1,1-Dichloropropene
Concen: 18.232 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

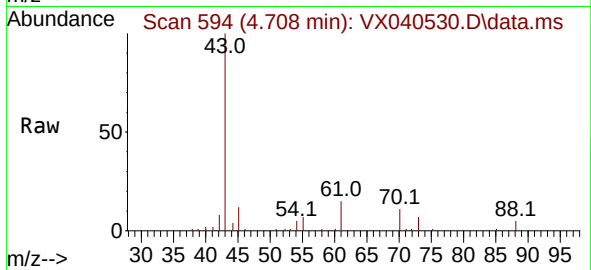
Tgt Ion: 75 Resp: 28654
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 29.4 24.7 37.1





#37
Ethyl Acetate
Concen: 18.874 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

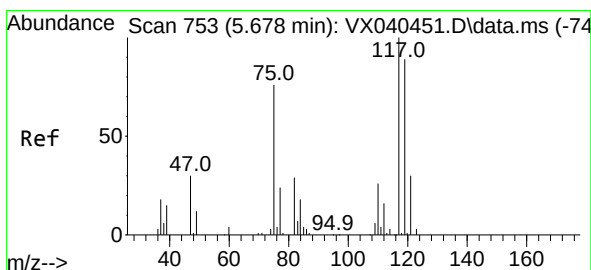
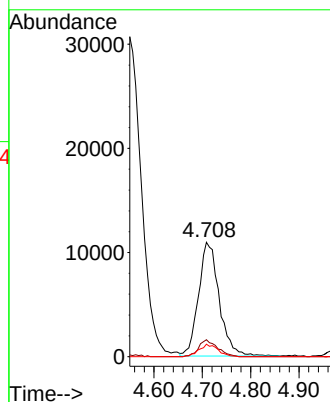
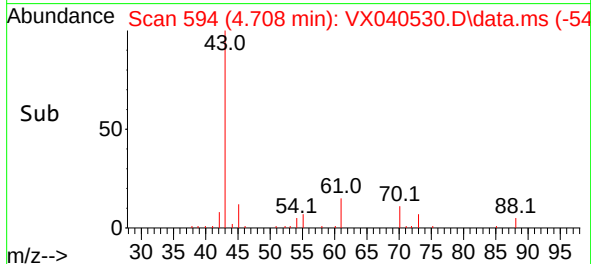
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 43 Resp: 32462
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.0 8.3 12.5

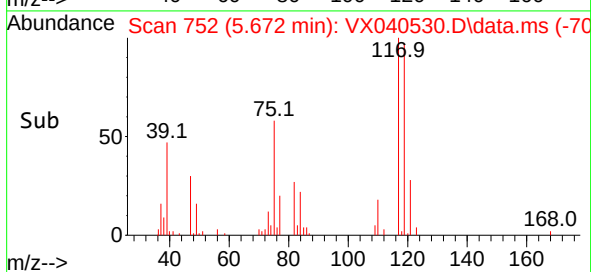
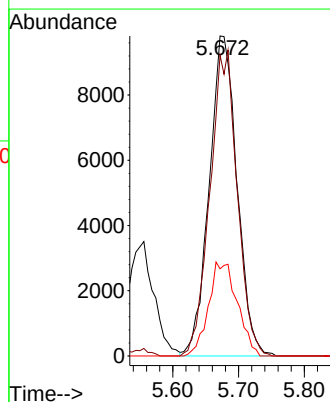
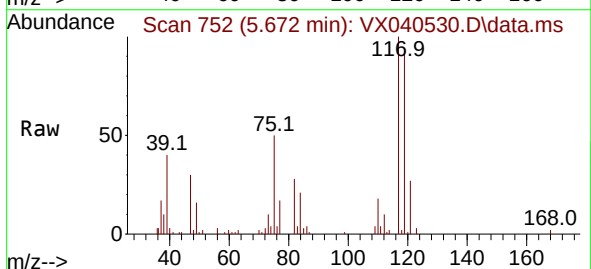
Manual Integrations
APPROVED

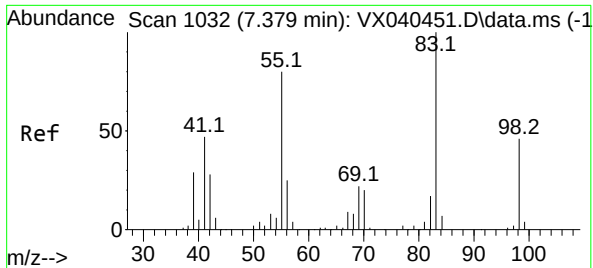
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#38
Carbon Tetrachloride
Concen: 19.046 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:117 Resp: 28916
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 27.2 24.4 36.6





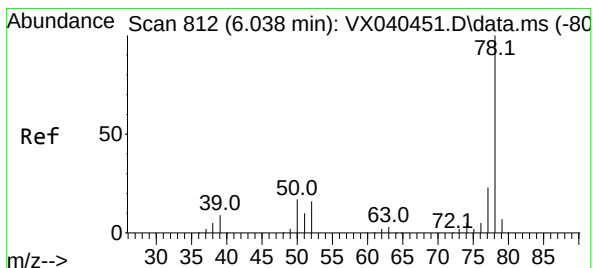
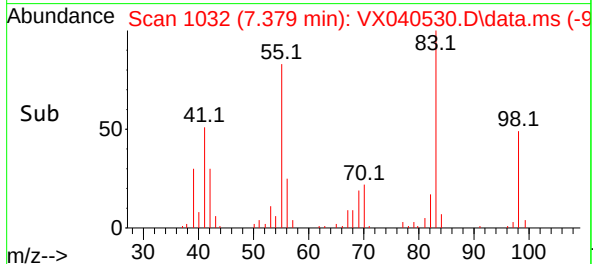
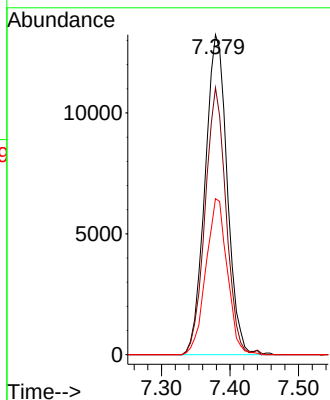
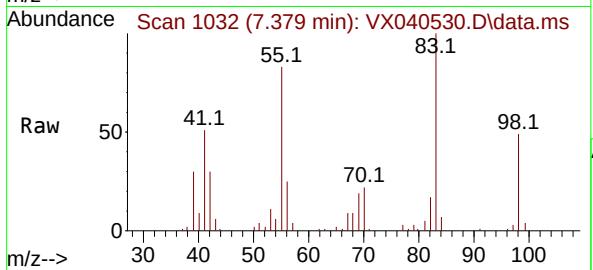
#39
Methylcyclohexane
Concen: 17.529 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 83 Resp: 2974
Ion Ratio Lower Upper
83 100
55 83.4 64.6 97.0
98 48.8 36.7 55.1

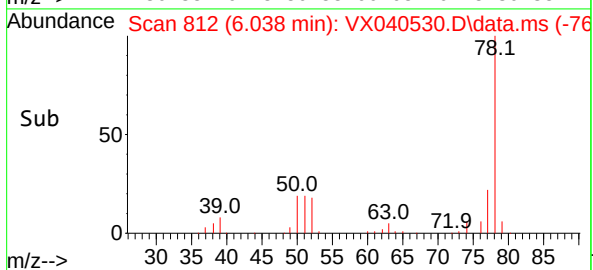
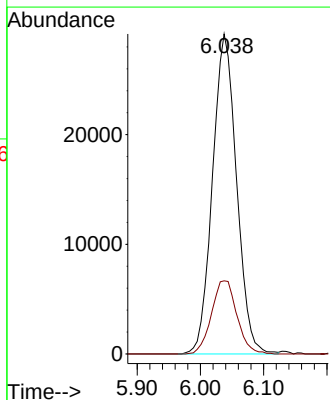
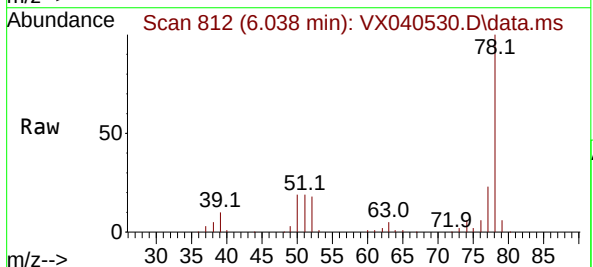
Manual Integrations
APPROVED

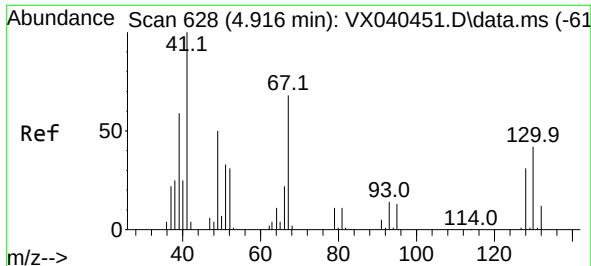
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#40
Benzene
Concen: 18.089 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

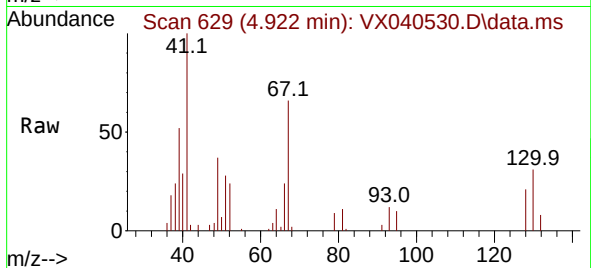
Tgt Ion: 78 Resp: 76969
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 17.736 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

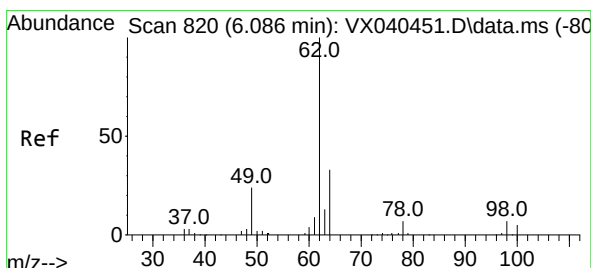
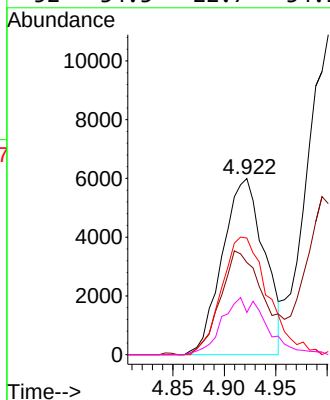
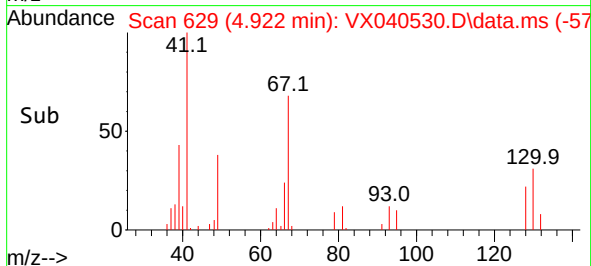
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 41 Resp: 17040
Ion Ratio Lower Upper
41 100
39 61.8 45.2 67.8
67 73.6 52.6 78.8
52 34.3 22.7 34.1#

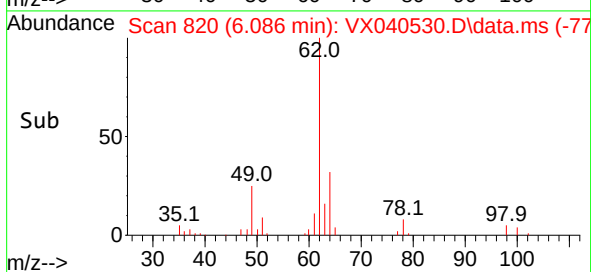
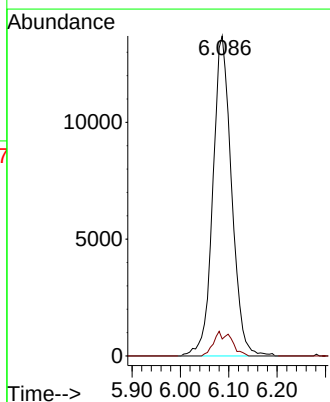
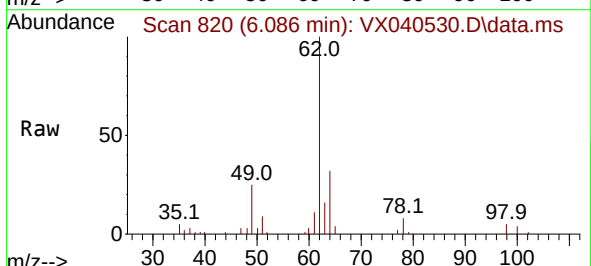
Manual Integrations
APPROVED

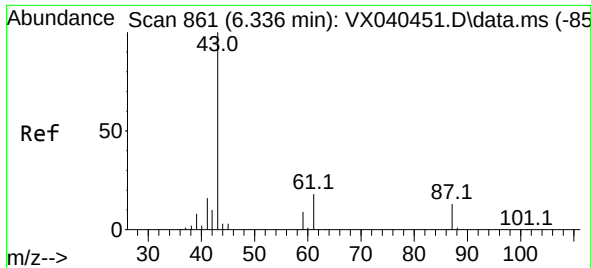
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#42
1,2-Dichloroethane
Concen: 20.887 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 62 Resp: 36783
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.944 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

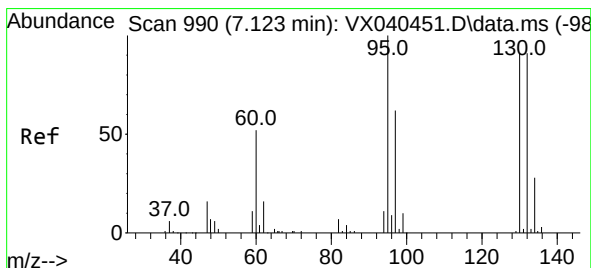
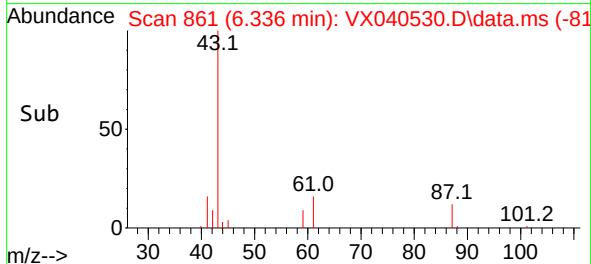
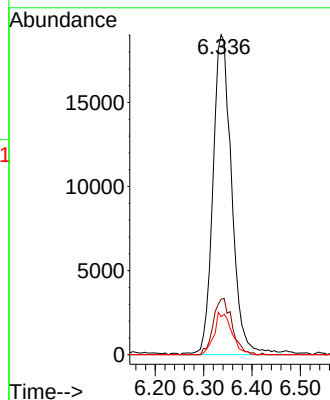
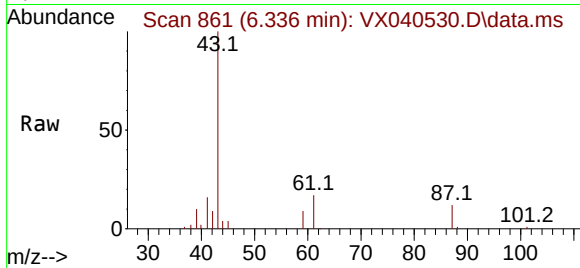
Tgt Ion: 43	Resp: 5112
Ion Ratio	Lower Upper
43 100	
61 17.5	15.2 22.8
87 12.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#44

Trichloroethene

Concen: 18.189 ug/l

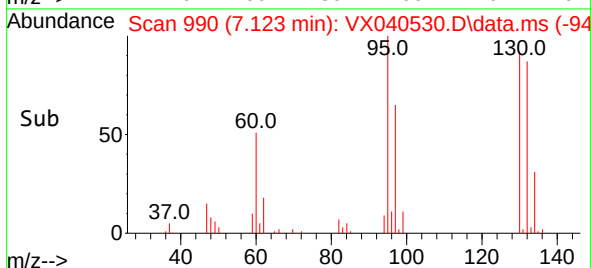
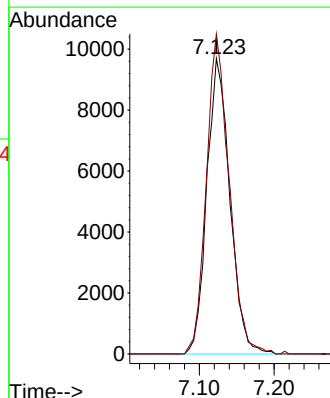
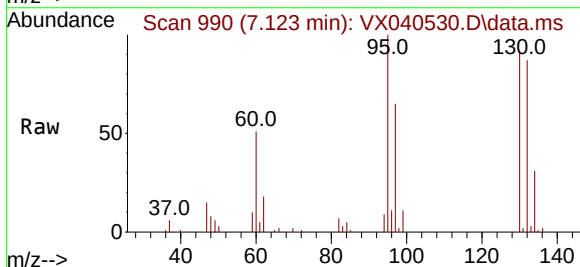
RT: 7.123 min Scan# 990

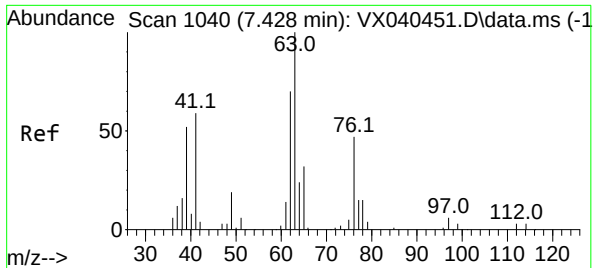
Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion:130	Resp: 20814
Ion Ratio	Lower Upper
130 100	
95 108.4	0.0 204.4





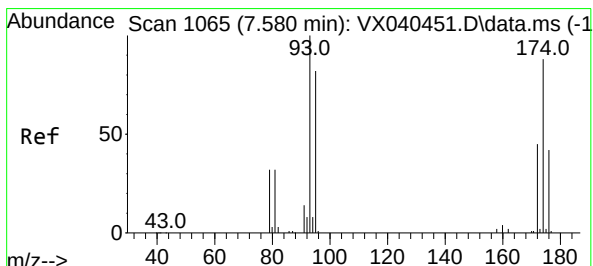
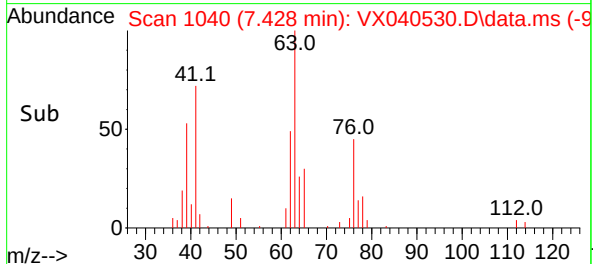
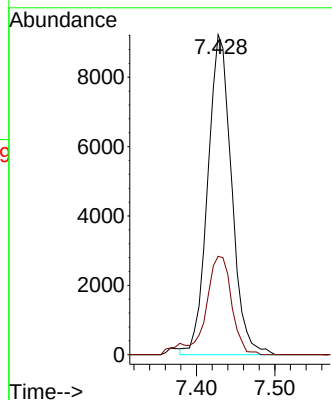
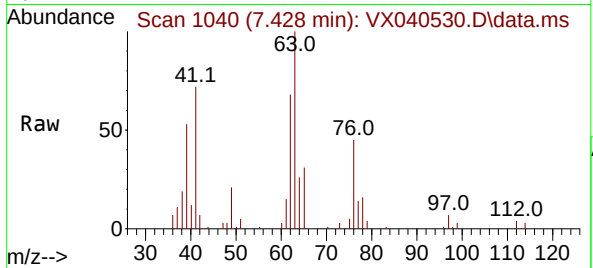
#45
1,2-Dichloropropane
Concen: 17.136 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 63 Resp: 19514
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5

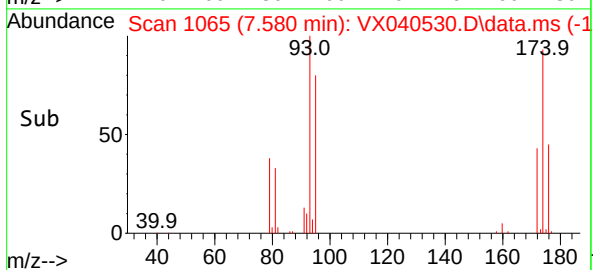
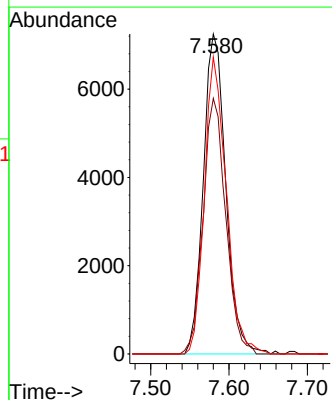
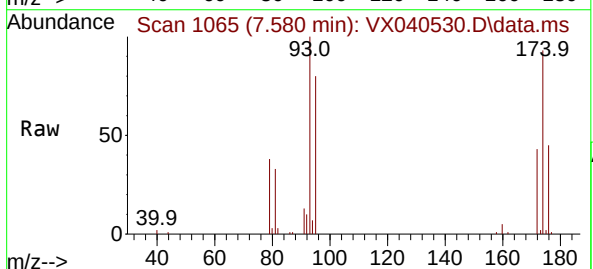
Manual Integrations
APPROVED

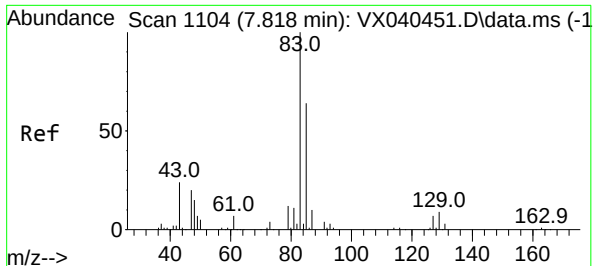
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#46
Dibromomethane
Concen: 17.272 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 93 Resp: 14460
Ion Ratio Lower Upper
93 100
95 80.4 66.6 100.0
174 90.4 69.4 104.0





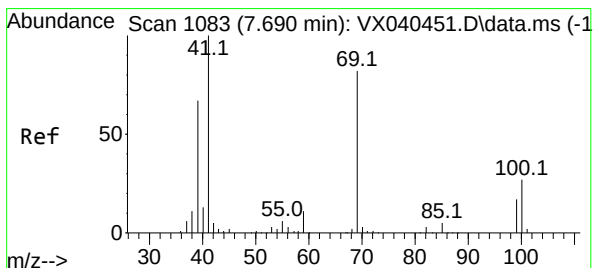
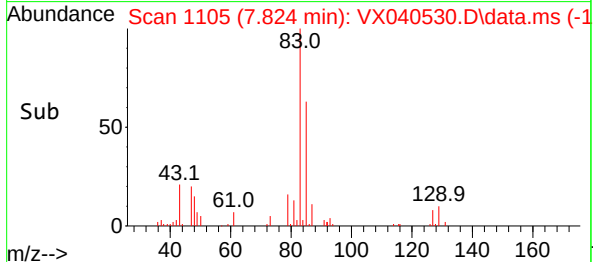
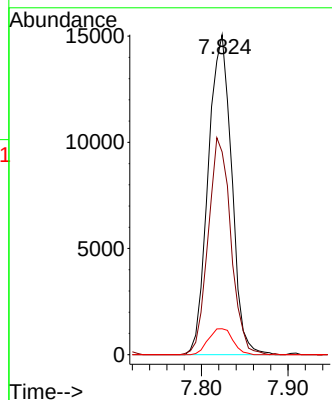
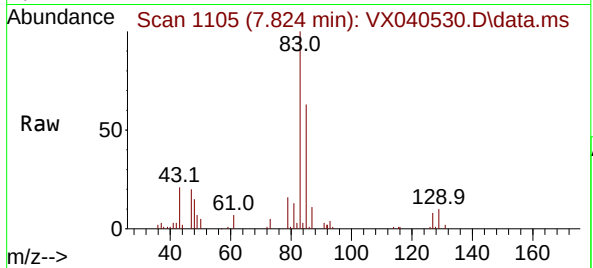
#47
Bromodichloromethane
Concen: 17.171 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 83 Resp: 2830
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.1 7.1 10.7

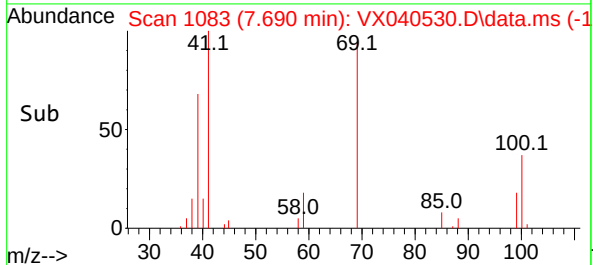
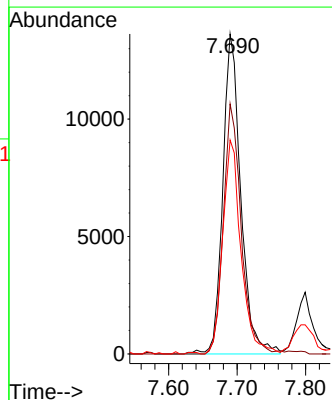
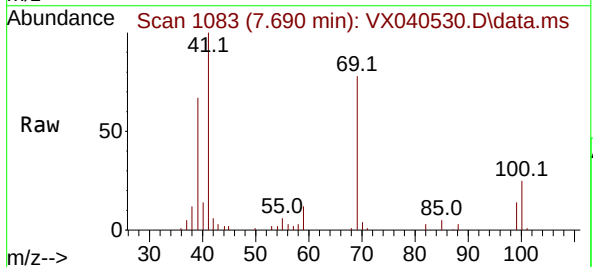
Manual Integrations
APPROVED

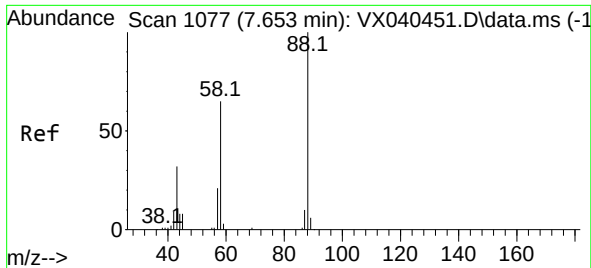
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#48
Methyl methacrylate
Concen: 18.378 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

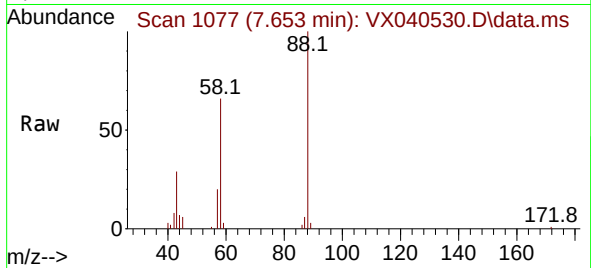
Tgt Ion: 41 Resp: 24790
Ion Ratio Lower Upper
41 100
69 77.4 59.2 88.8
39 68.0 47.7 71.5





#49
1,4-Dioxane
Concen: 385.540 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

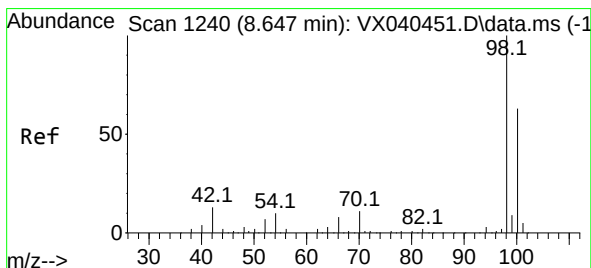
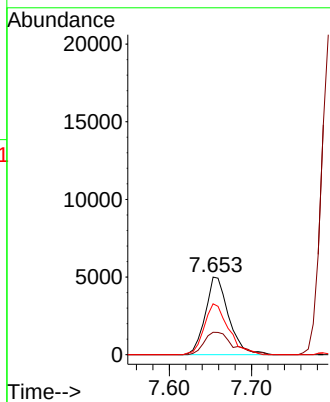
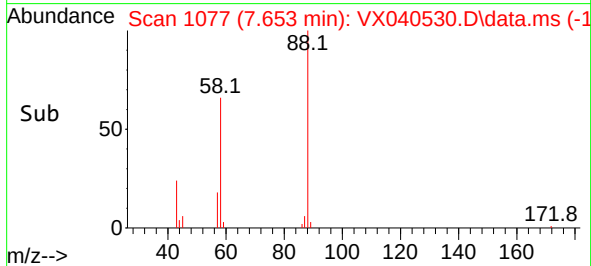
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 88 Resp: 9838
Ion Ratio Lower Upper
88 100
43 35.7 0.0 0.0
58 68.3 60.1 90.1

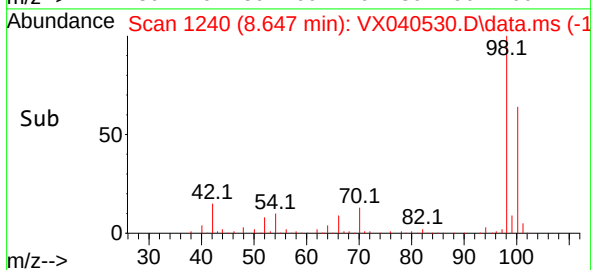
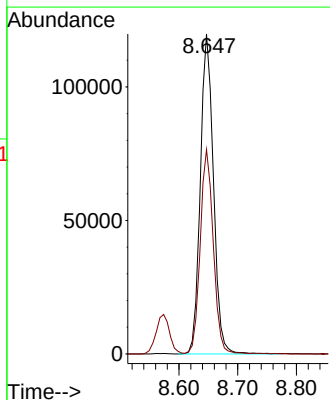
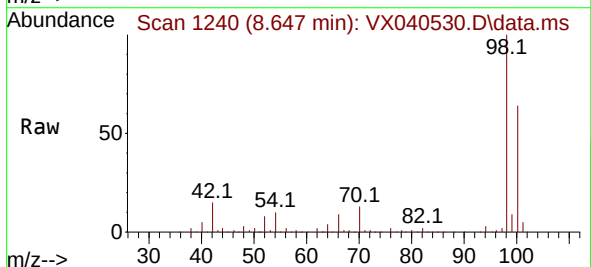
Manual Integrations
APPROVED

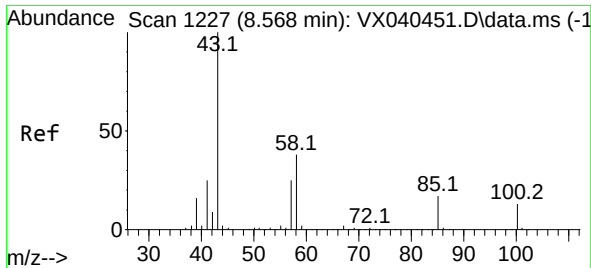
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#50
Toluene-d8
Concen: 50.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 98 Resp: 186033
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





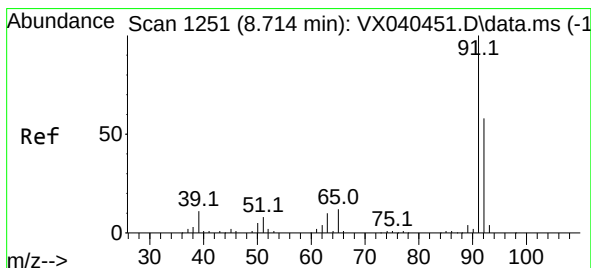
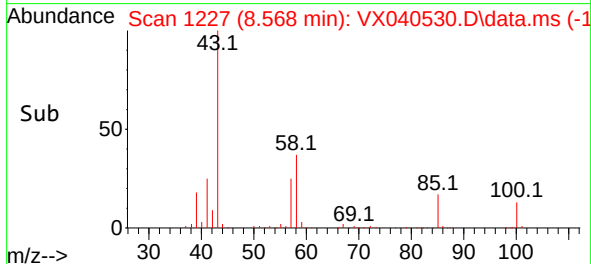
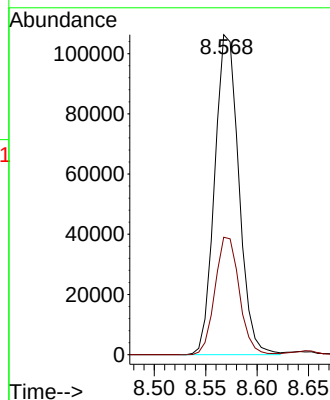
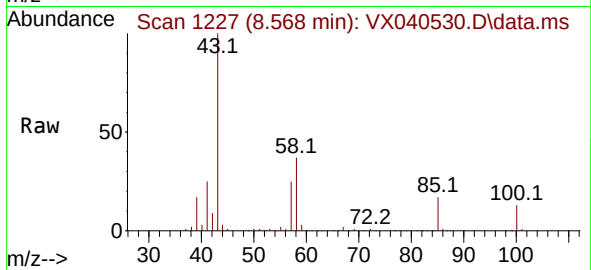
#51
4-Methyl-2-Pentanone
Concen: 97.417 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 43 Resp: 173820
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

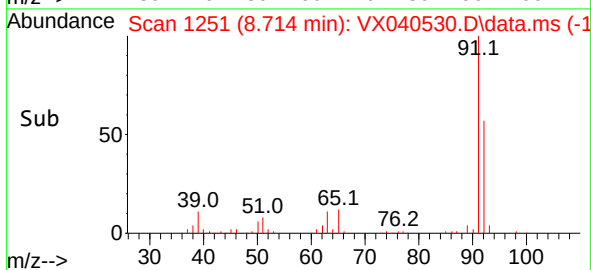
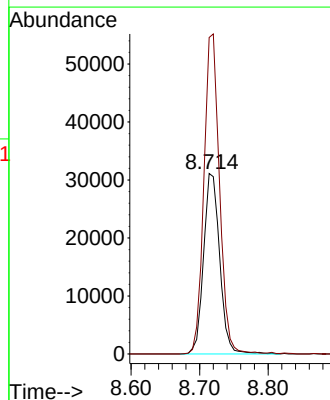
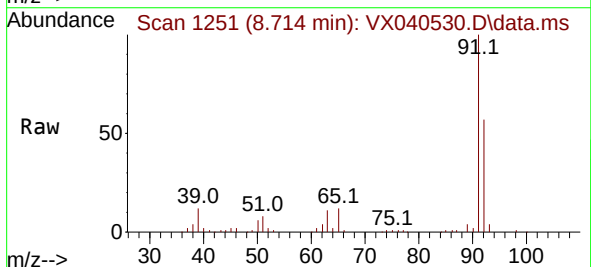
Manual Integrations
APPROVED

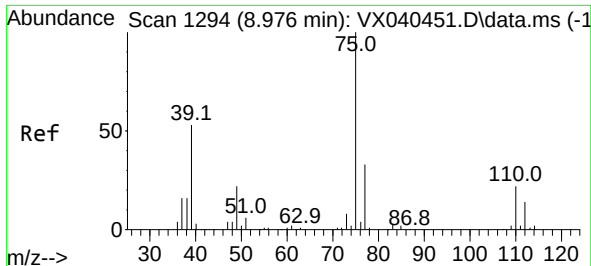
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#52
Toluene
Concen: 19.518 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 92 Resp: 50968
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.135 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 75 Resp: 32010

Ion Ratio Lower Upper

75 100

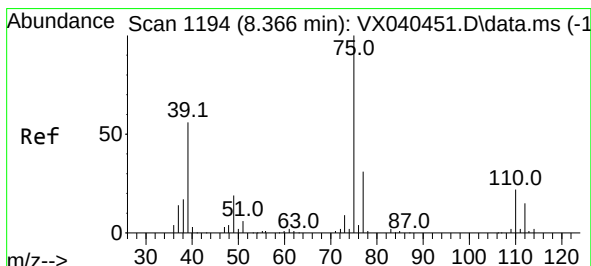
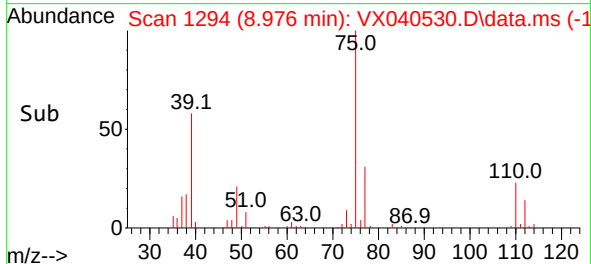
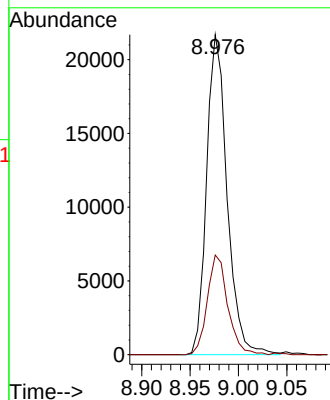
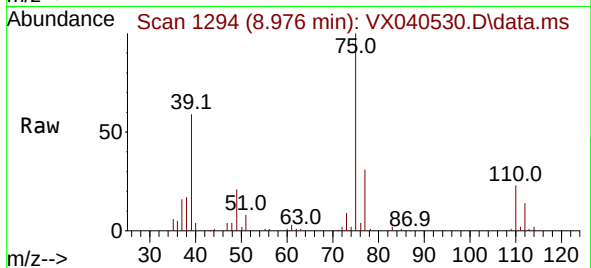
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#54

cis-1,3-Dichloropropene

Concen: 18.097 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

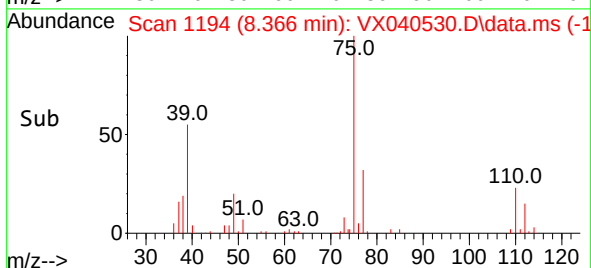
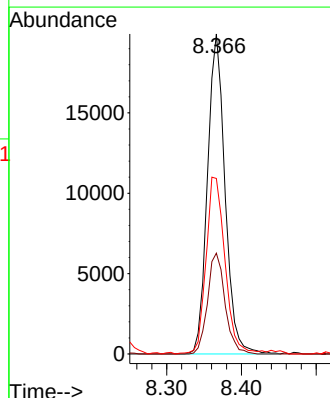
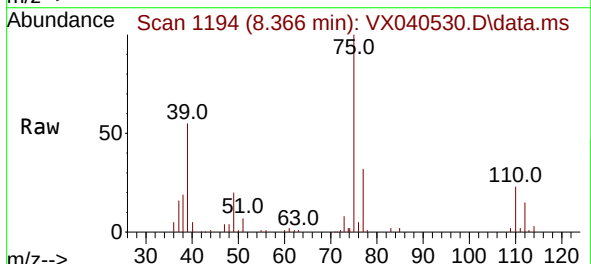
Tgt Ion: 75 Resp: 32541

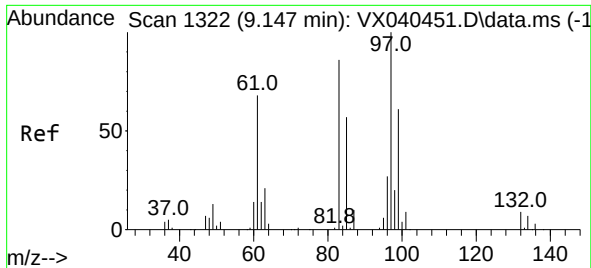
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

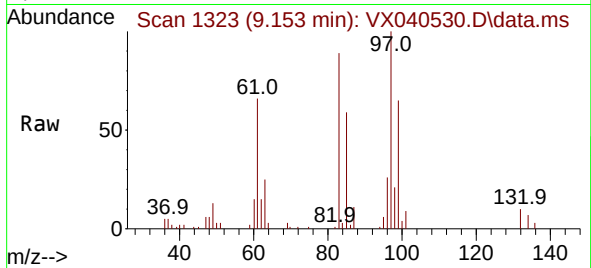
39 54.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.956 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

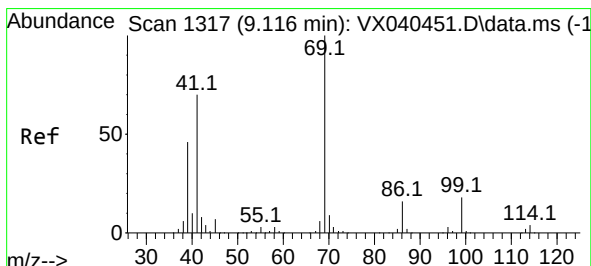
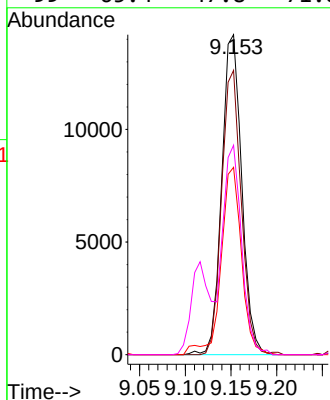
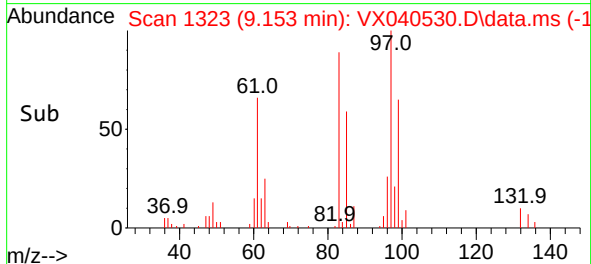
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.8
85	58.5	41.6	62.4
99	65.4	47.8	71.8

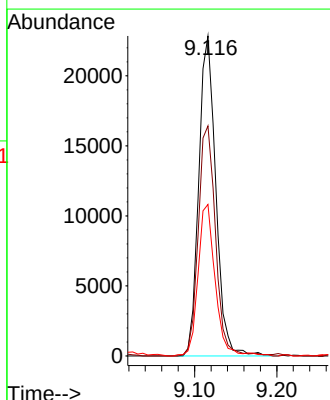
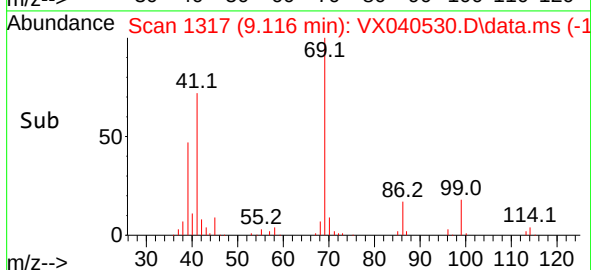
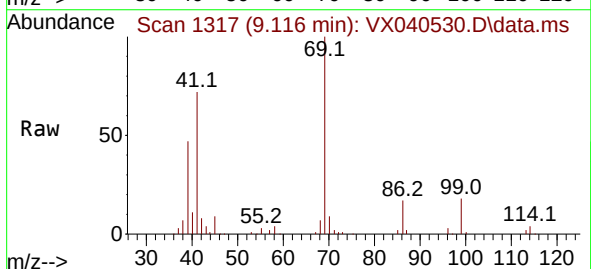
Manual Integrations
APPROVED

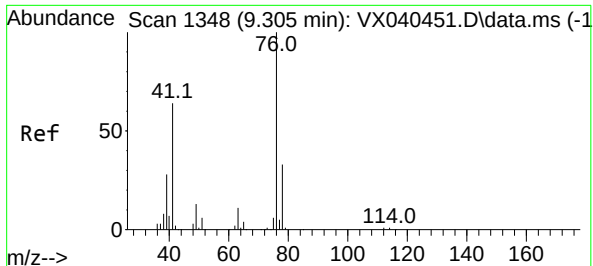
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#56
Ethyl methacrylate
Concen: 19.644 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	47.0	32.0	48.0





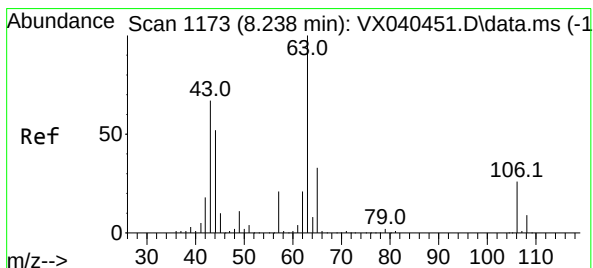
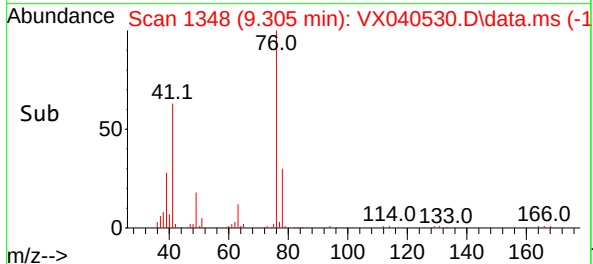
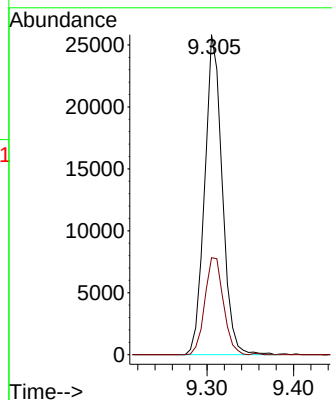
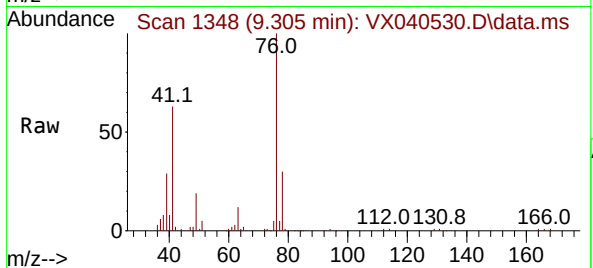
#57
1,3-Dichloropropane
Concen: 19.245 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 76 Resp: 3632
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

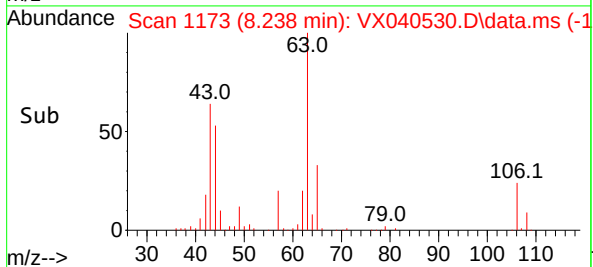
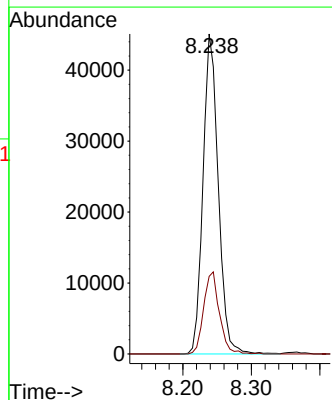
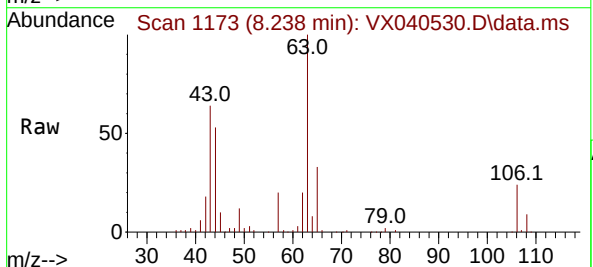
Manual Integrations
APPROVED

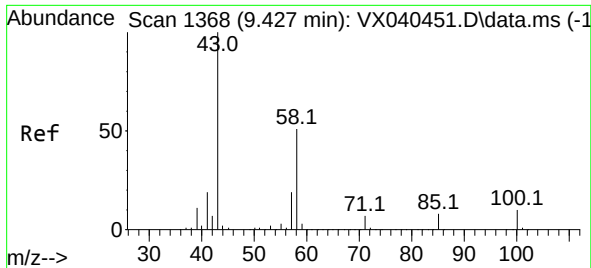
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 79.717 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

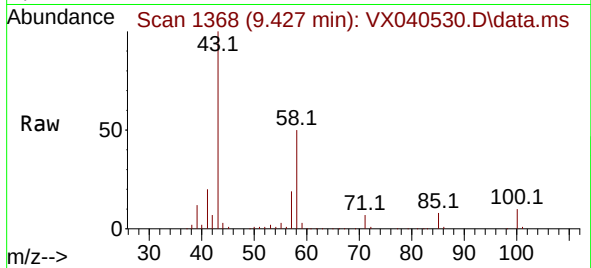
Tgt Ion: 63 Resp: 70034
Ion Ratio Lower Upper
63 100
106 26.4 22.5 33.7





#59
2-Hexanone
Concen: 102.178 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

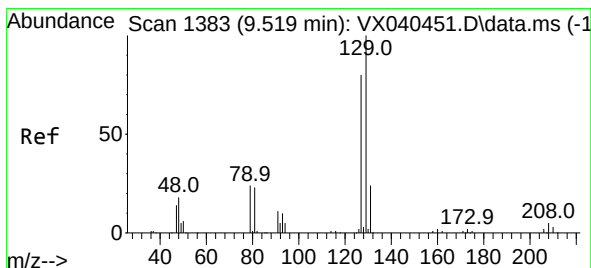
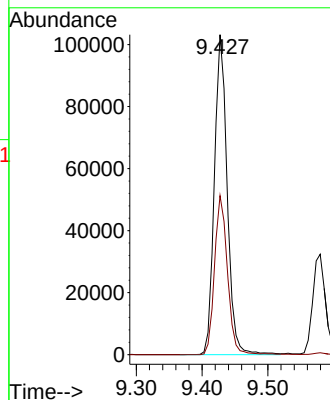
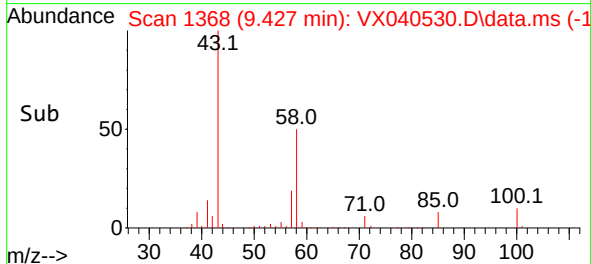
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 43 Resp: 14017
Ion Ratio Lower Upper
43 100
58 50.3 26.2 78.5

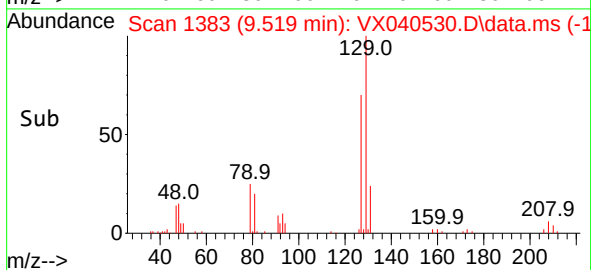
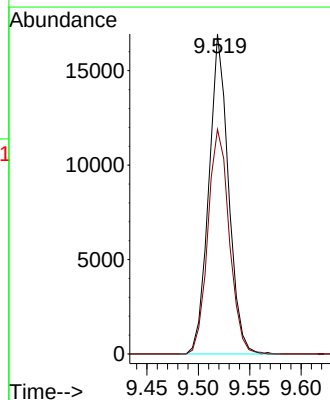
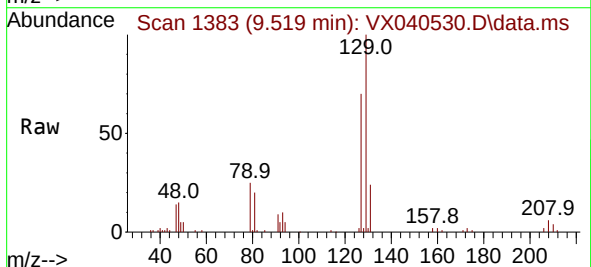
Manual Integrations
APPROVED

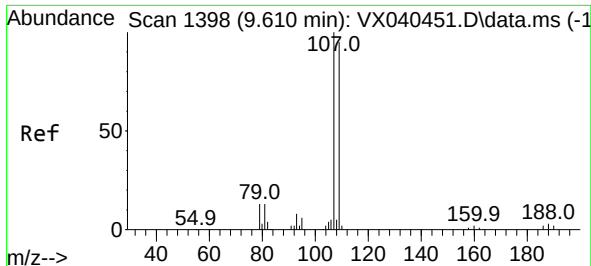
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#60
Dibromochloromethane
Concen: 19.102 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

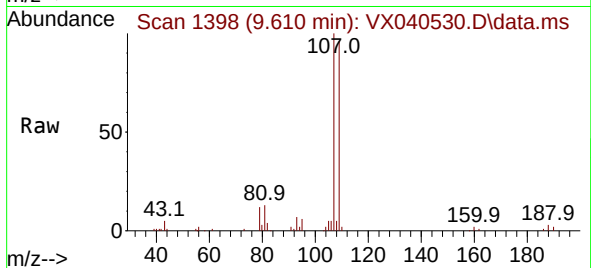
Tgt Ion:129 Resp: 22484
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.342 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

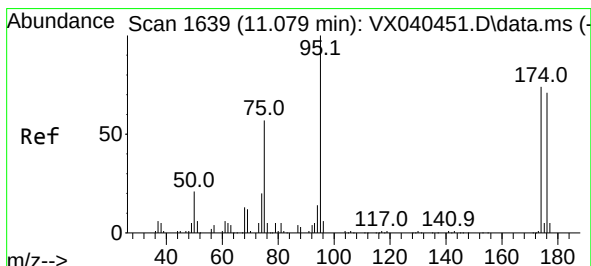
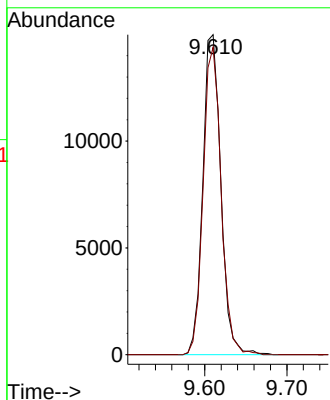
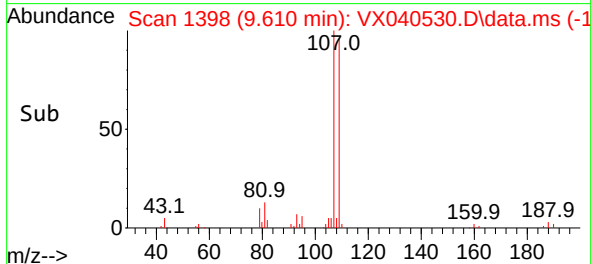
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:107 Resp: 2287
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

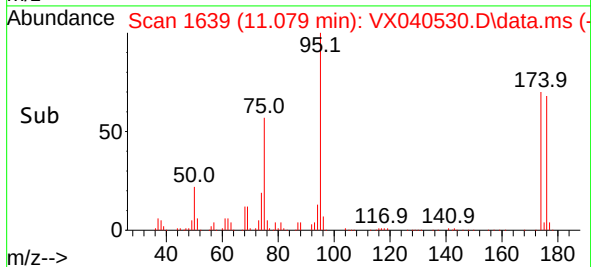
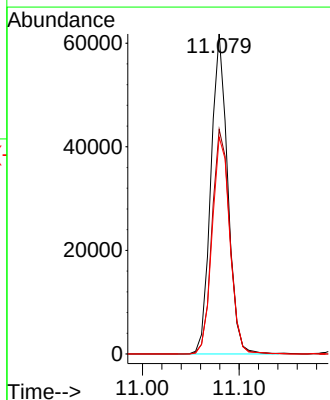
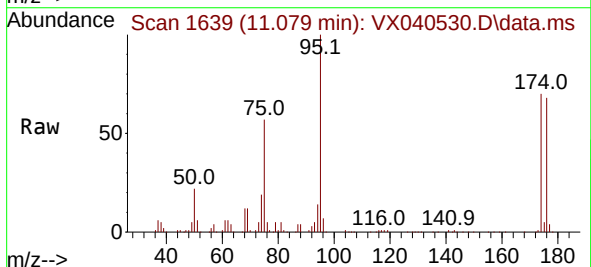
Manual Integrations
APPROVED

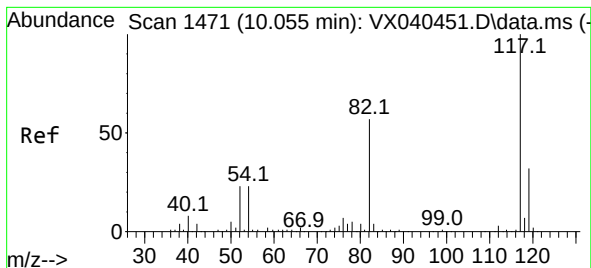
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#62
4-Bromofluorobenzene
Concen: 52.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 95 Resp: 74618
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.4 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: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion:117 Resp: 139670

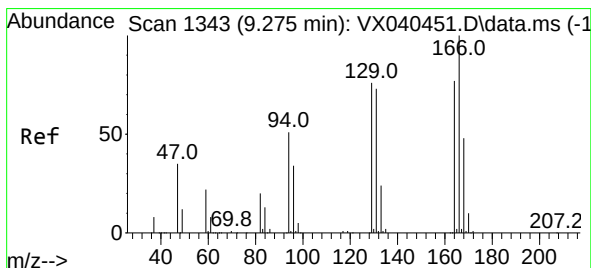
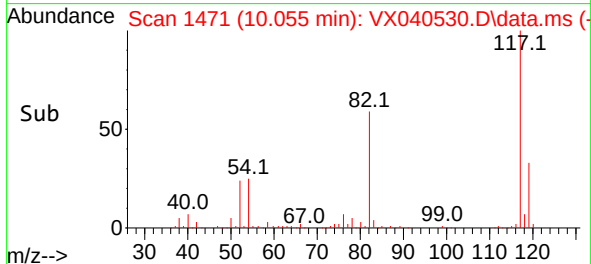
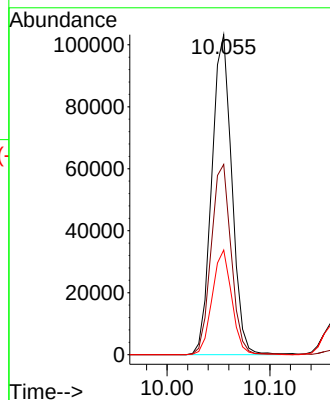
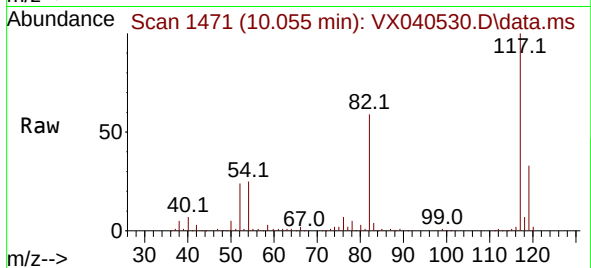
Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#64

Tetrachloroethene

Concen: 19.317 ug/l

RT: 9.269 min Scan# 1342

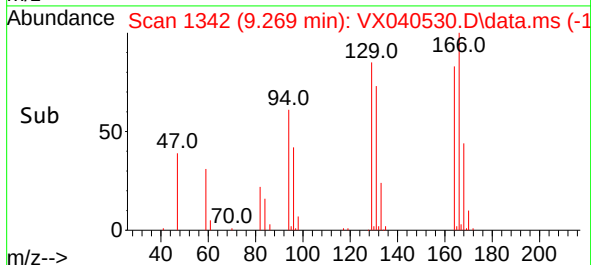
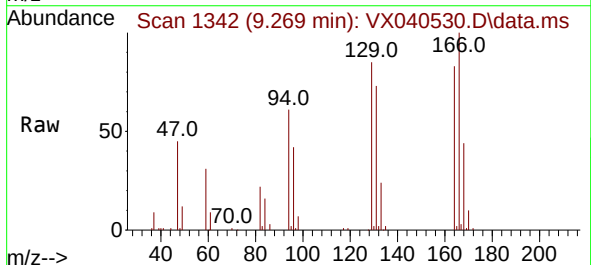
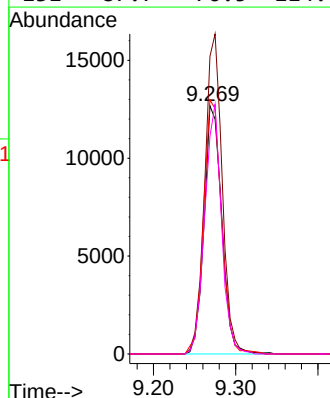
Delta R.T. -0.006 min

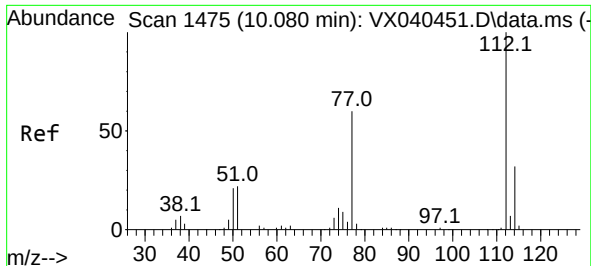
Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion:164 Resp: 18941

Ion	Ratio	Lower	Upper
164	100		
166	119.9	102.7	154.1
129	102.4	80.4	120.6
131	87.7	76.5	114.7





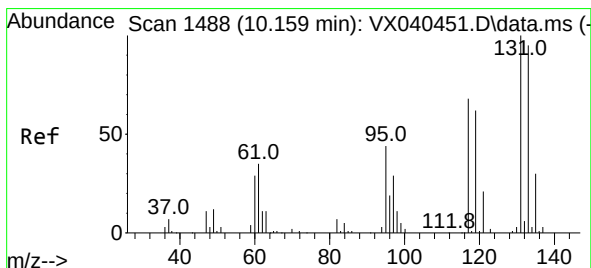
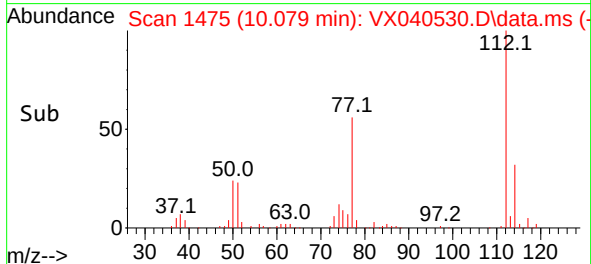
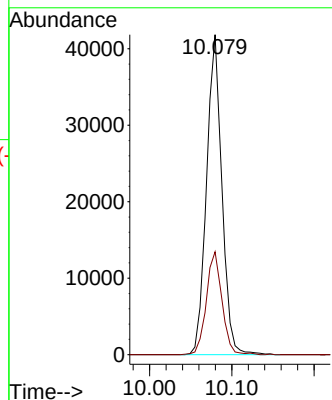
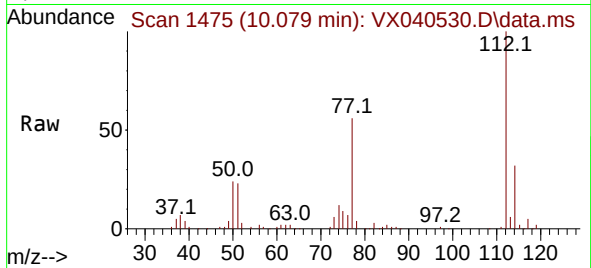
#65
Chlorobenzene
Concen: 18.269 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion:112 Resp: 54274
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

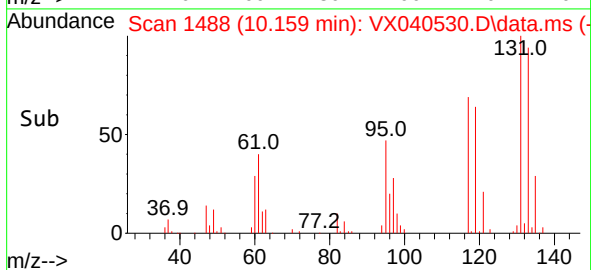
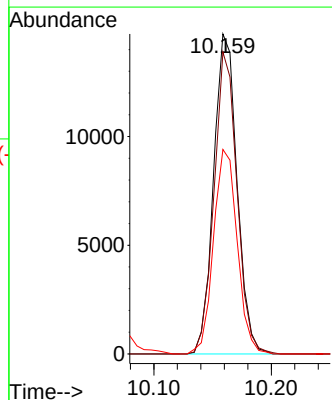
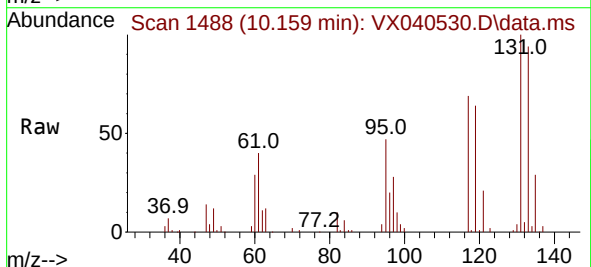
Manual Integrations
APPROVED

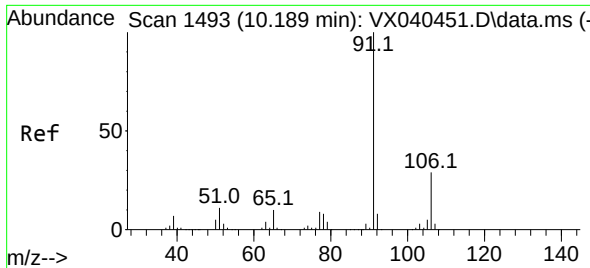
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.465 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

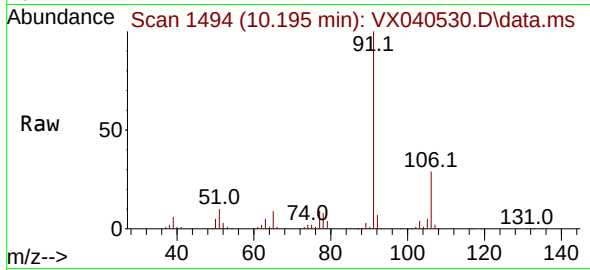
Tgt Ion:131 Resp: 20379
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.084 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

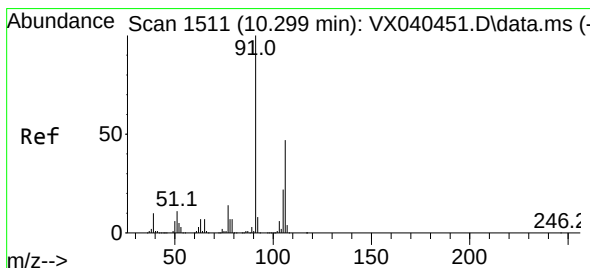
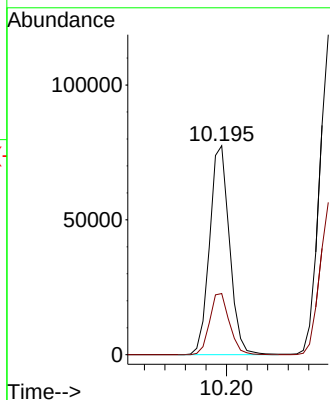
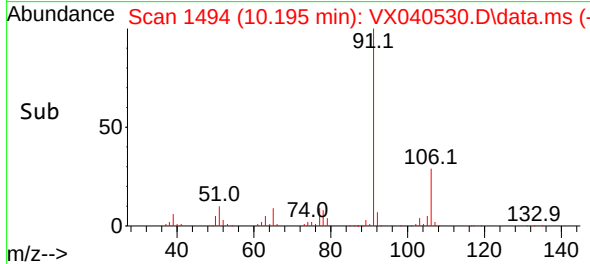
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 91 Resp: 10378
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

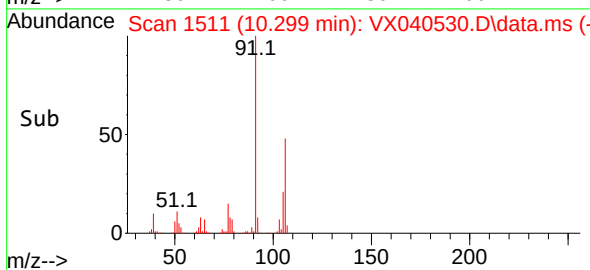
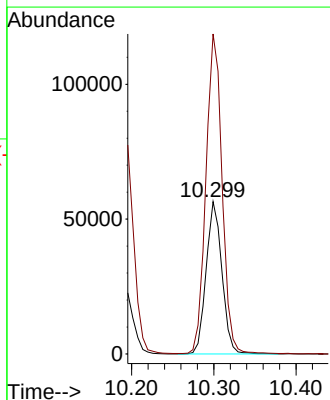
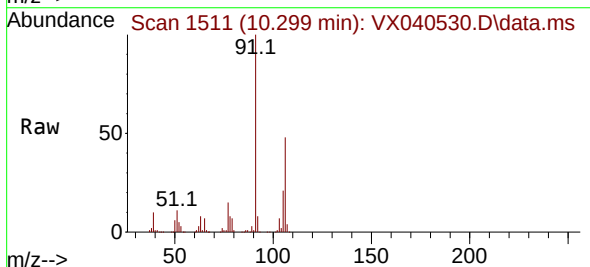
Manual Integrations
APPROVED

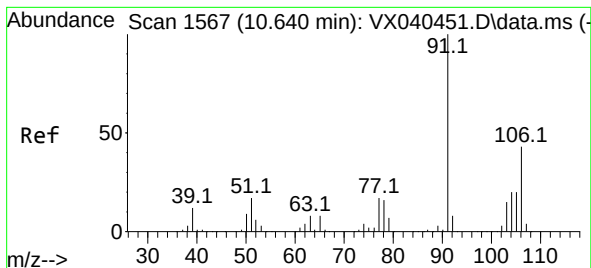
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#68
m/p-Xylenes
Concen: 37.051 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:106 Resp: 75241
Ion Ratio Lower Upper
106 100
91 215.6 165.5 248.3





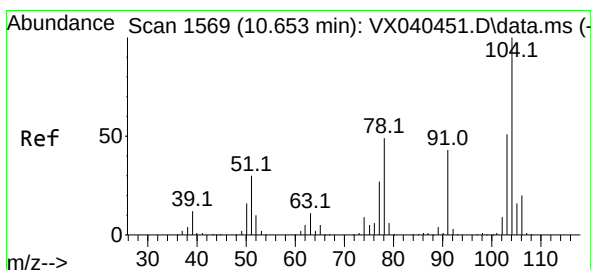
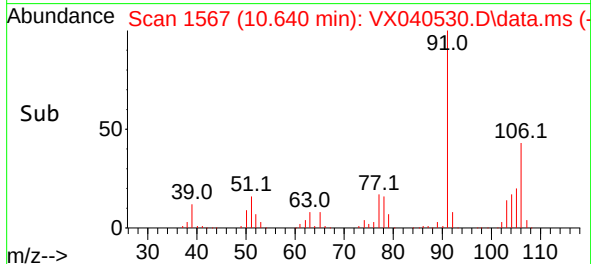
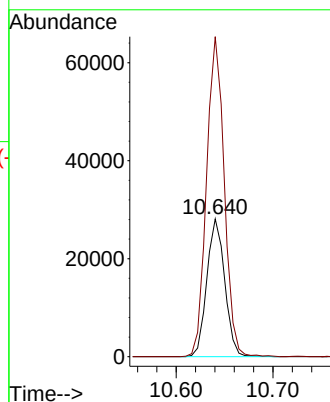
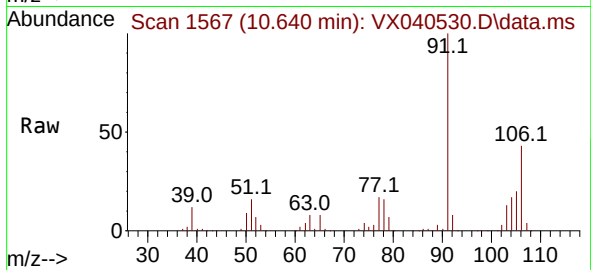
#69
o-Xylene
Concen: 18.654 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion:106 Resp: 3623
Ion Ratio Lower Upper
106 100
91 230.3 108.9 326.8

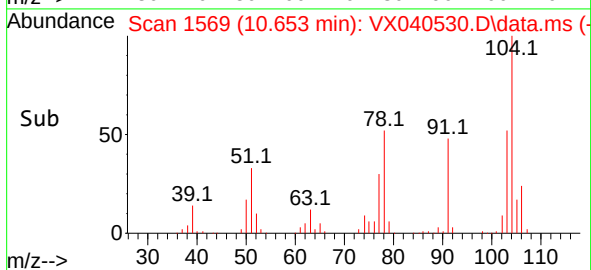
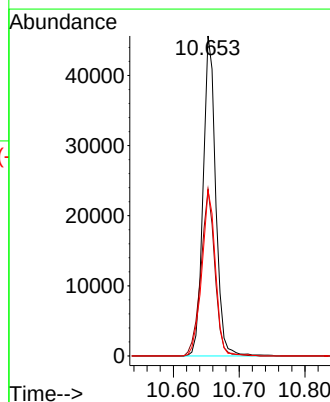
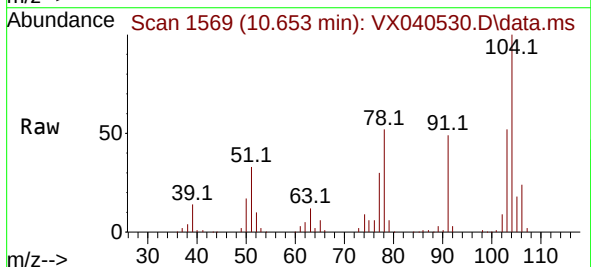
Manual Integrations
APPROVED

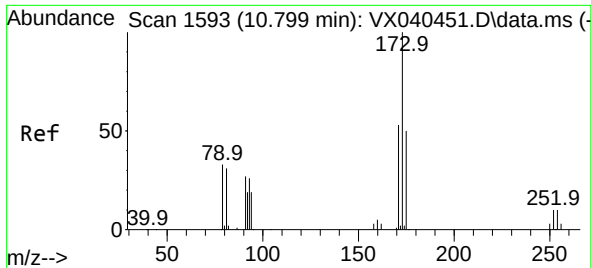
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#70
Styrene
Concen: 18.777 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

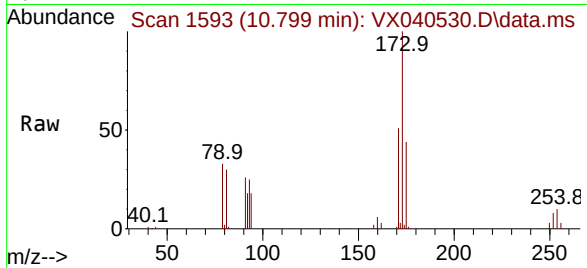
Tgt Ion:104 Resp: 60798
Ion Ratio Lower Upper
104 100
78 57.4 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 18.771 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

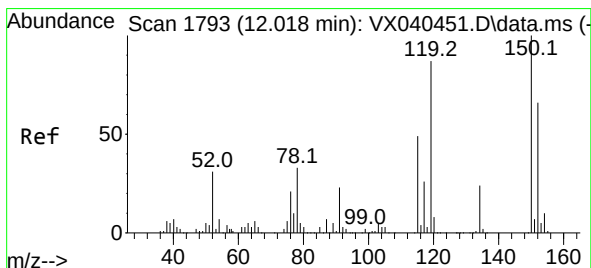
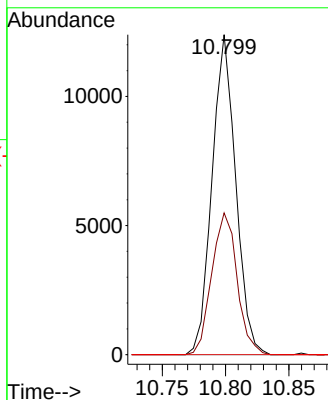
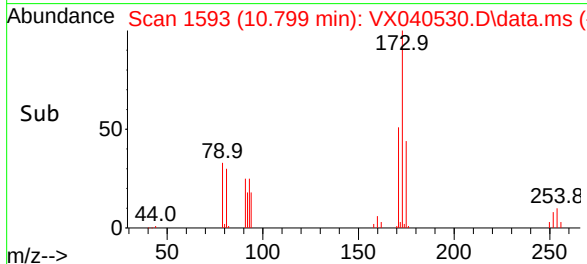
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:173 Resp: 1608
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0

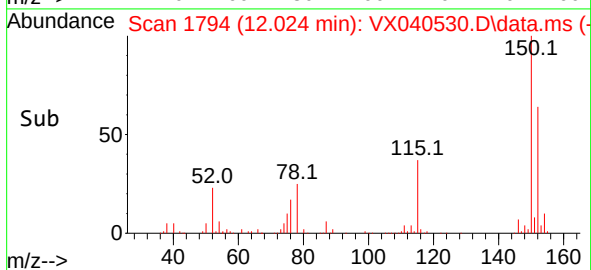
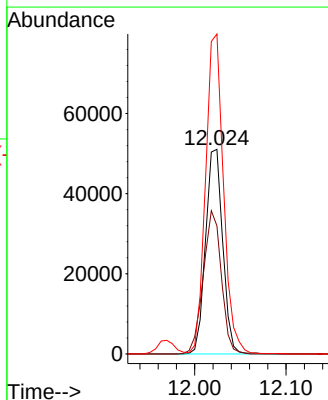
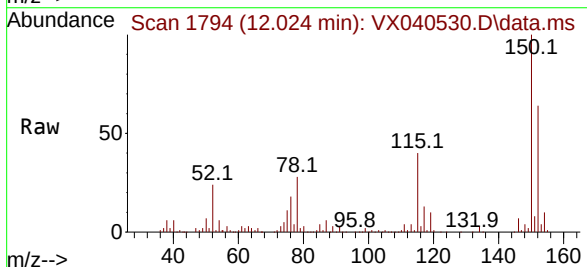
Manual Integrations
APPROVED

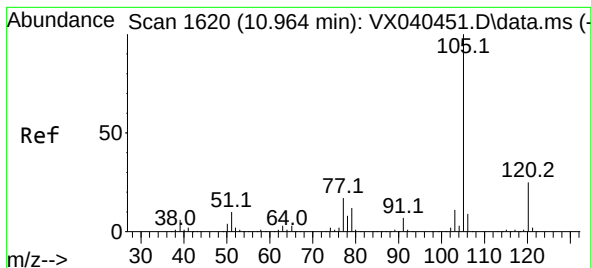
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:152 Resp: 66477
Ion Ratio Lower Upper
152 100
115 73.7 43.3 129.9
150 163.3 0.0 345.0





#73

Isopropylbenzene

Concen: 20.487 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion:105 Resp: 100300

Ion Ratio Lower Upper

105 100

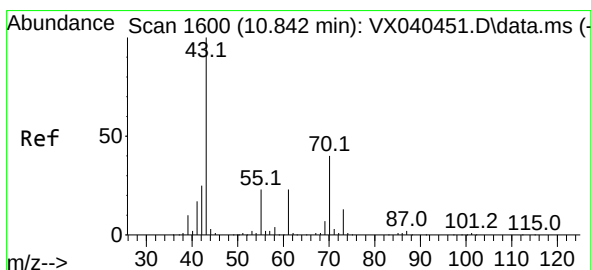
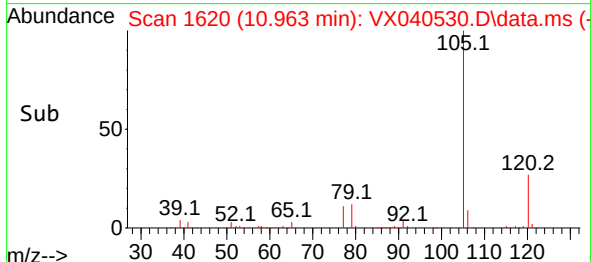
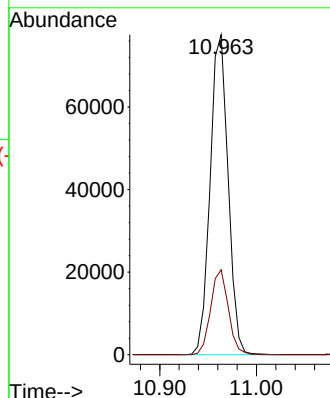
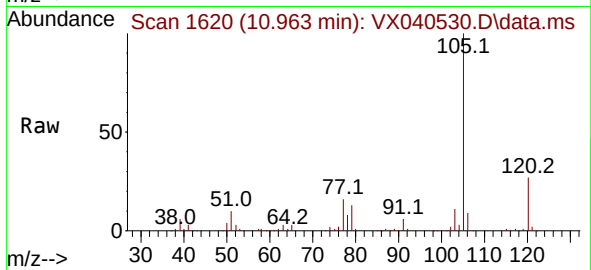
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#74

N-ethyl acetate

Concen: 19.440 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion: 43 Resp: 44202

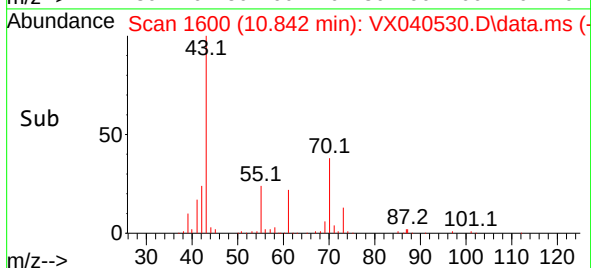
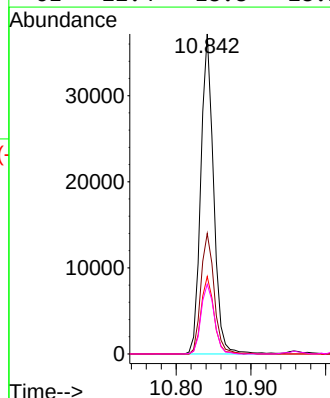
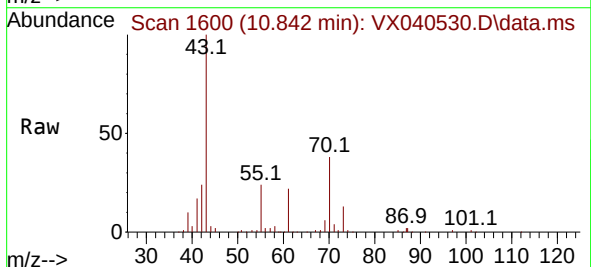
Ion Ratio Lower Upper

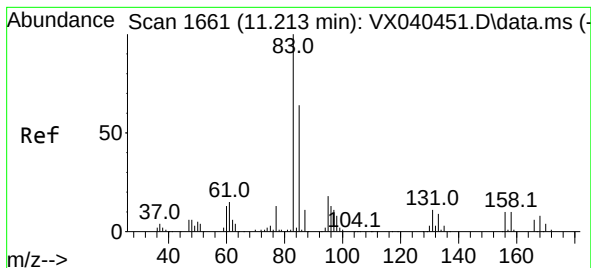
43 100

70 38.9 32.9 49.3

55 24.3 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.749 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

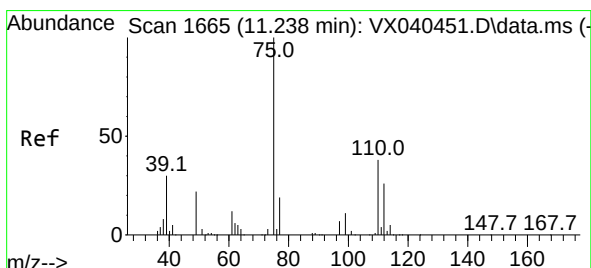
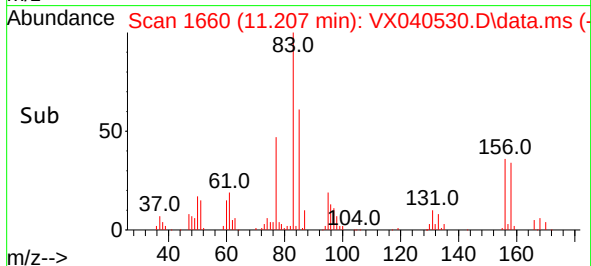
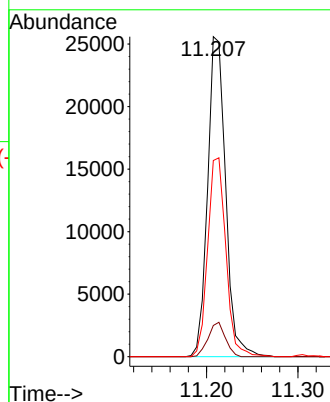
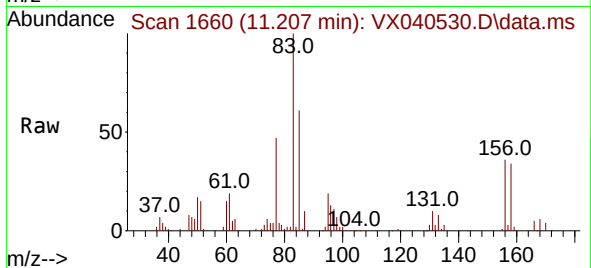
Tgt Ion: 83 Resp: 34960
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.8
 85 62.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#76

1,2,3-Trichloropropane

Concen: 20.342 ug/l m

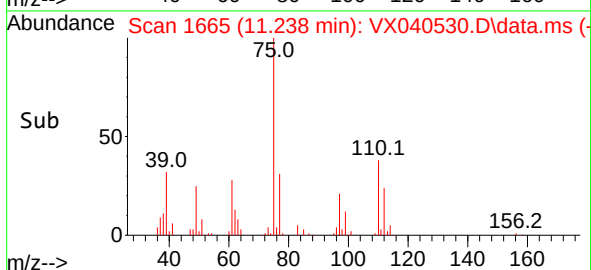
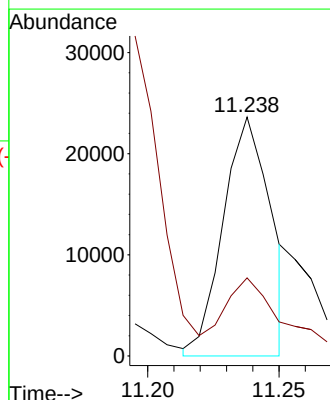
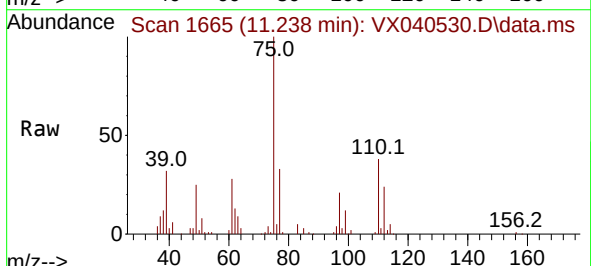
RT: 11.238 min Scan# 1665

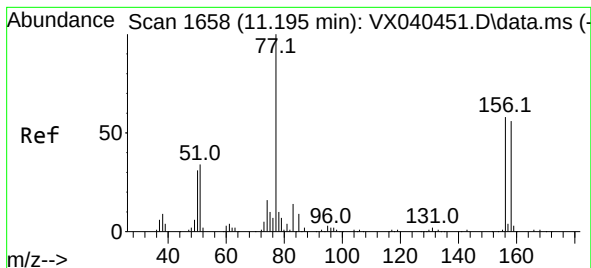
Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion: 75 Resp: 29761
 Ion Ratio Lower Upper
 75 100
 77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 20.608 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

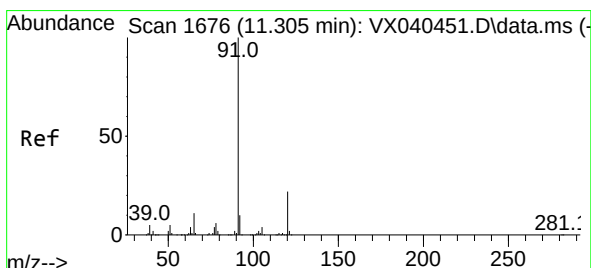
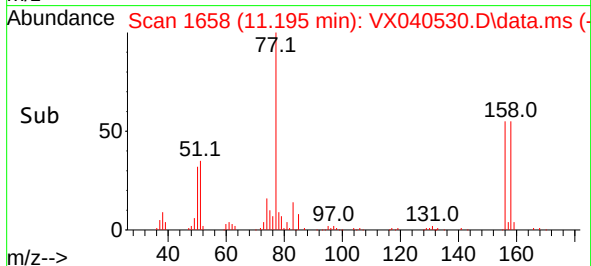
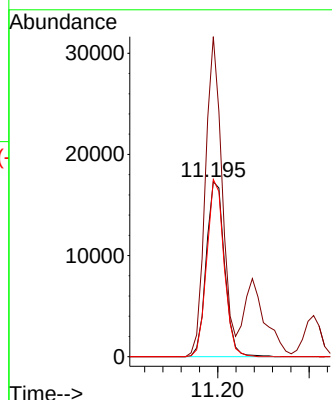
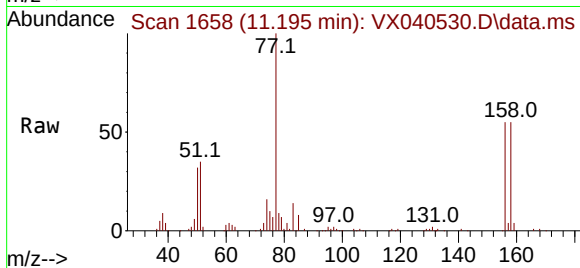
Tgt Ion:	156	Resp:	2385
Ion Ratio	Lower	Upper	
156	100		
77	168.2	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#78

n-propylbenzene

Concen: 20.059 ug/l

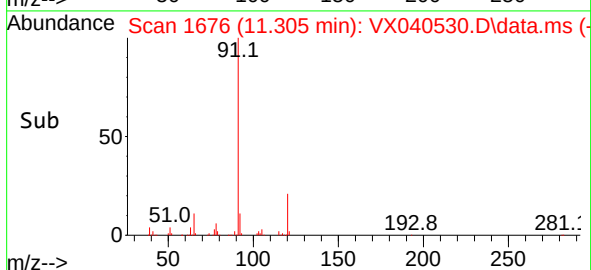
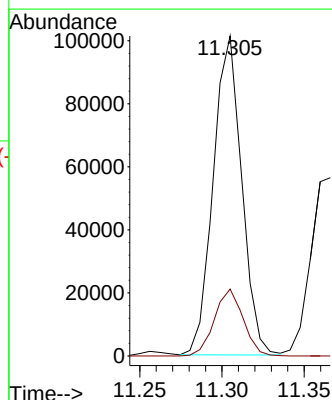
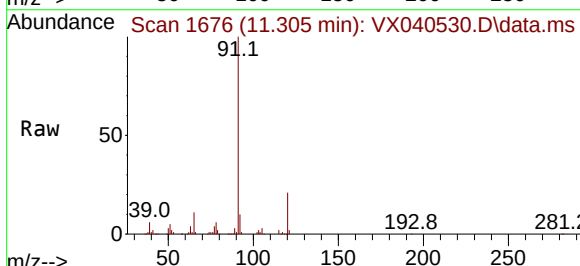
RT: 11.305 min Scan# 1676

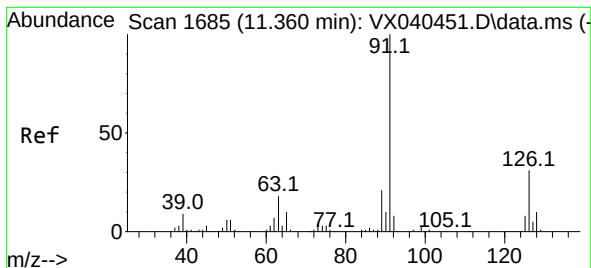
Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Tgt Ion:	91	Resp:	121811
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.944 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion: 91 Resp: 72909

Ion Ratio Lower Upper

91 100

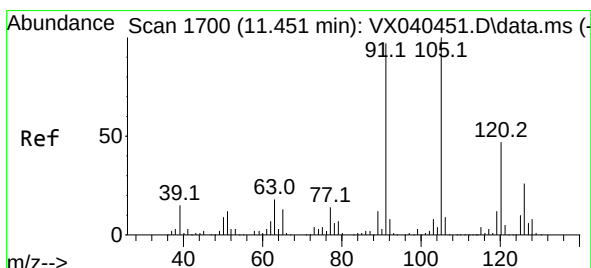
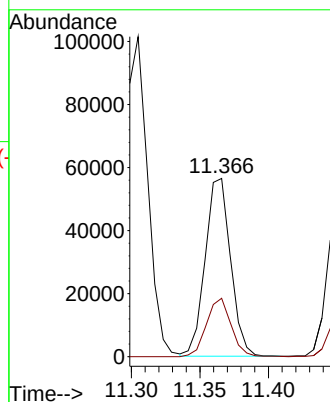
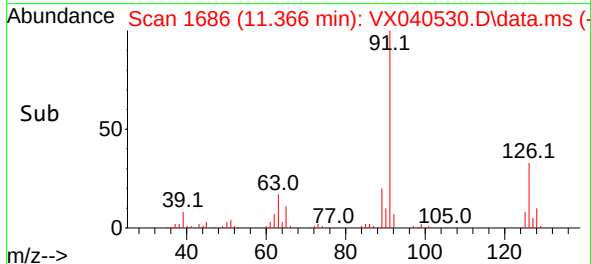
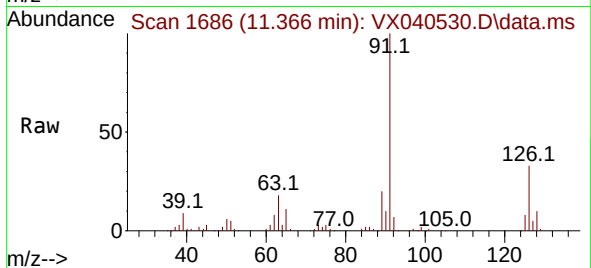
126 31.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.048 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040530.D

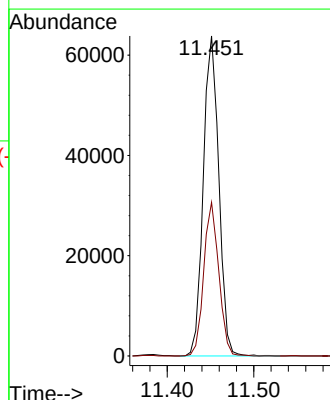
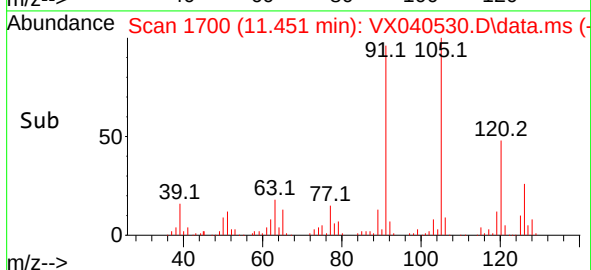
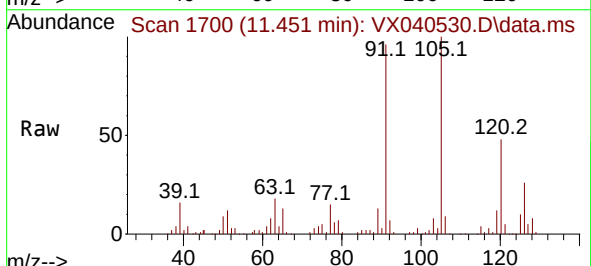
Acq: 29 Feb 2024 12:29

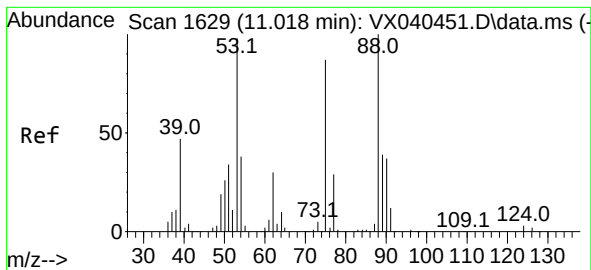
Tgt Ion:105 Resp: 79309

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3





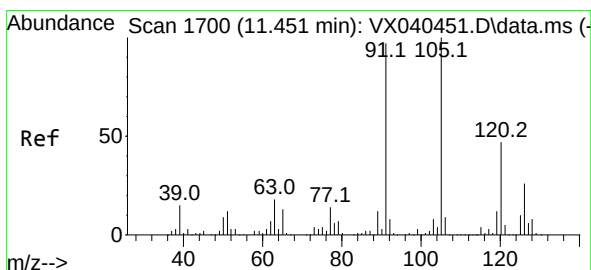
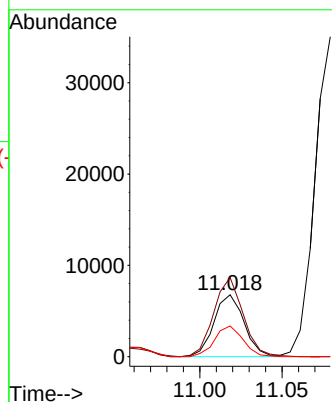
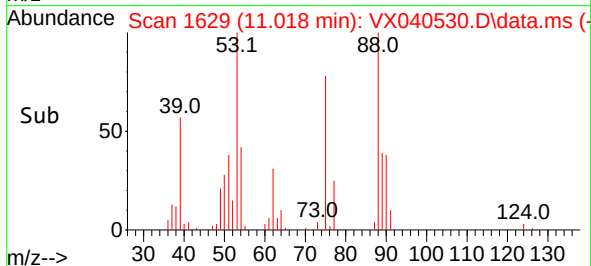
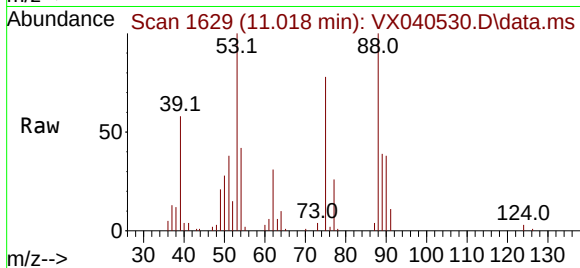
#81
trans-1,4-Dichloro-2-butene
Concen: 19.769 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion: 75 Resp: 8670
Ion Ratio Lower Upper
75 100
53 124.3 90.5 135.7
89 46.6 36.9 55.3

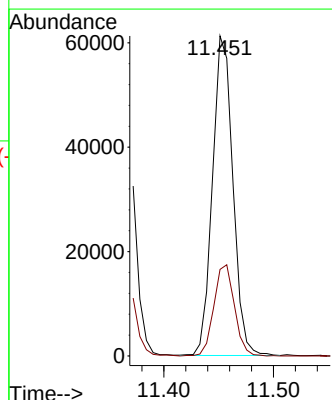
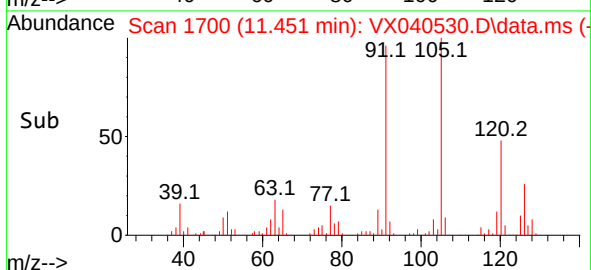
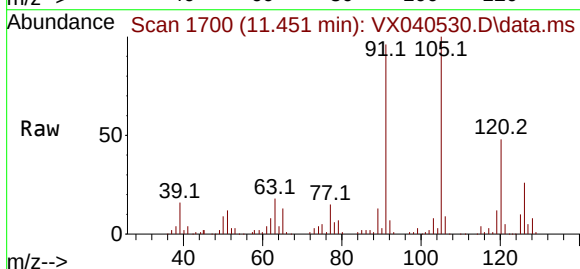
Manual Integrations
APPROVED

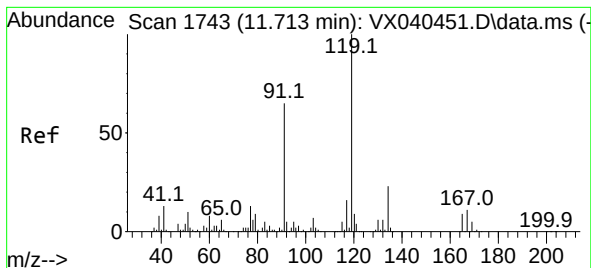
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#82
4-Chlorotoluene
Concen: 18.710 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 91 Resp: 79093
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.767 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

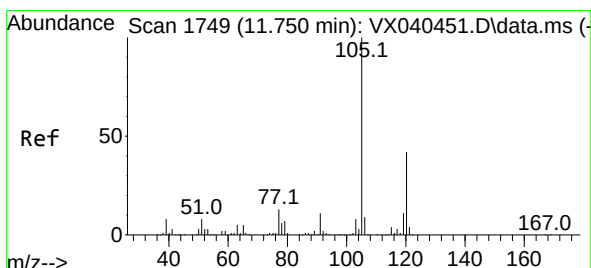
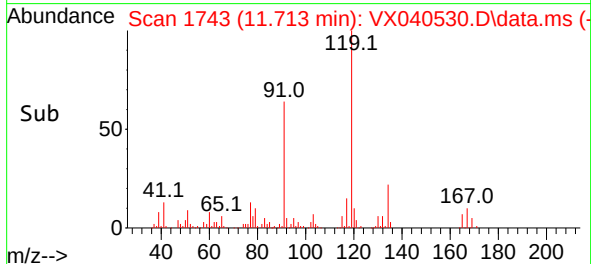
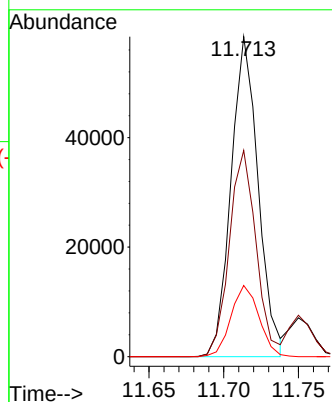
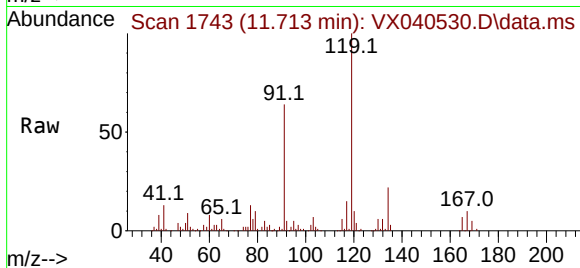
Tgt Ion:	119	Resp:	7366
Ion Ratio	Lower	Upper	
119	100		
91	63.9	31.2	93.6
134	23.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.902 ug/l

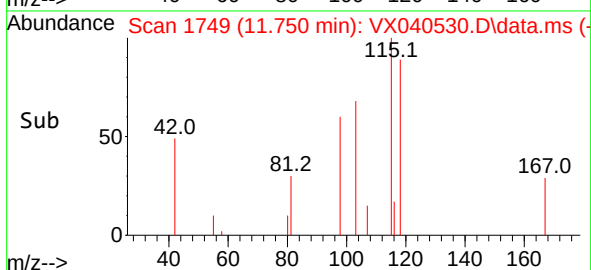
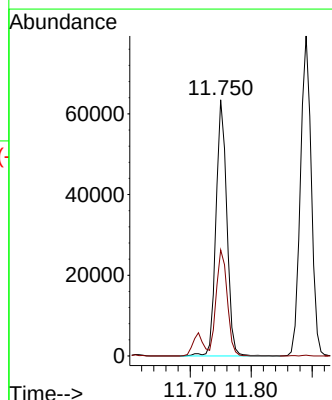
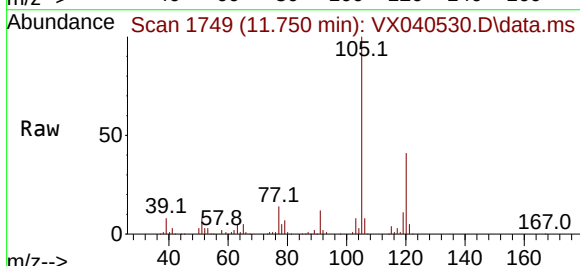
RT: 11.750 min Scan# 1749

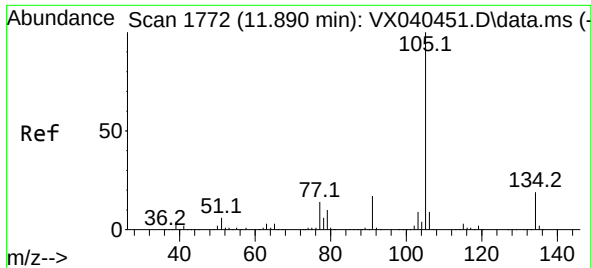
Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

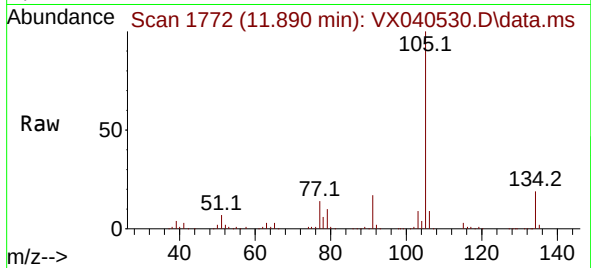
Tgt Ion:	105	Resp:	78087
Ion Ratio	Lower	Upper	
105	100		
120	42.1	21.2	63.6





#85
sec-Butylbenzene
Concen: 19.012 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

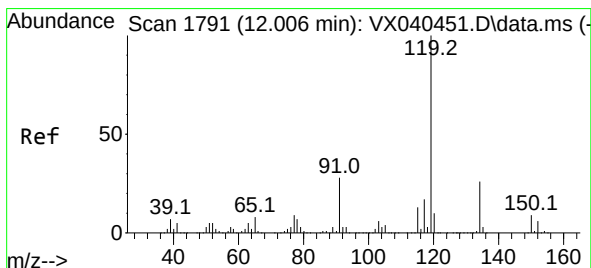
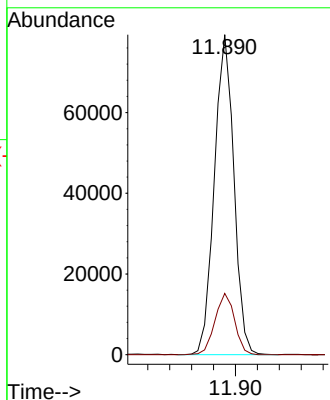
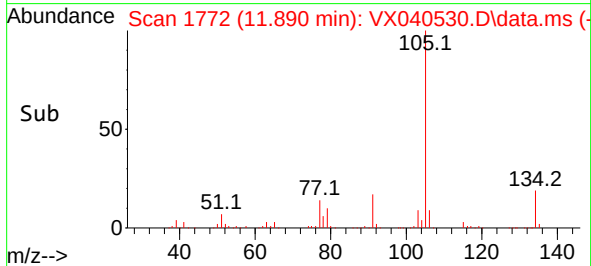
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:105 Resp: 9804
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

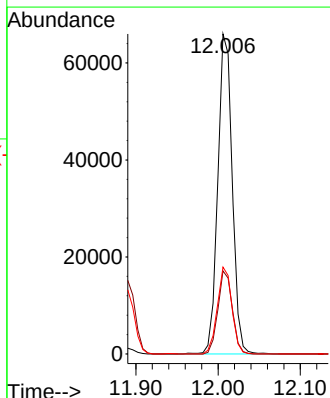
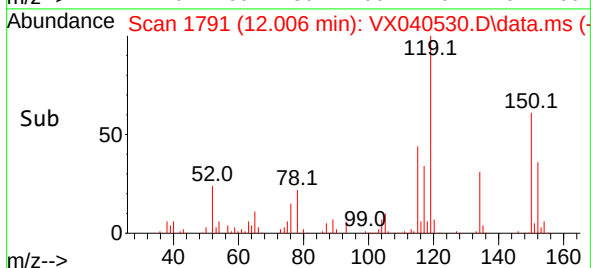
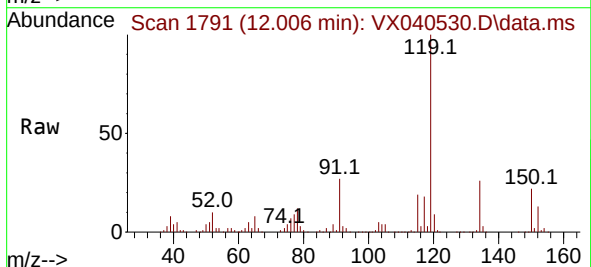
Manual Integrations
APPROVED

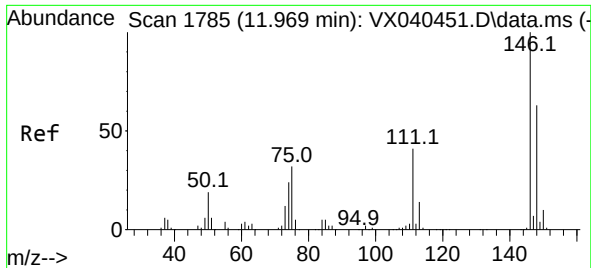
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#86
p-Isopropyltoluene
Concen: 18.900 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:119 Resp: 80337
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.447 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS01

Tgt Ion:146 Resp: 42560

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

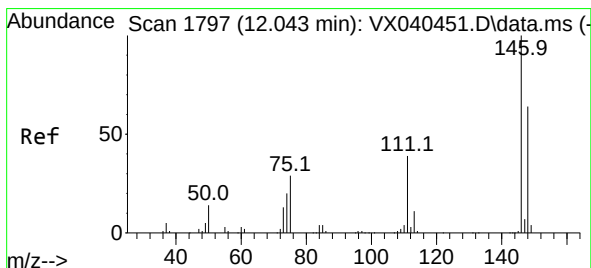
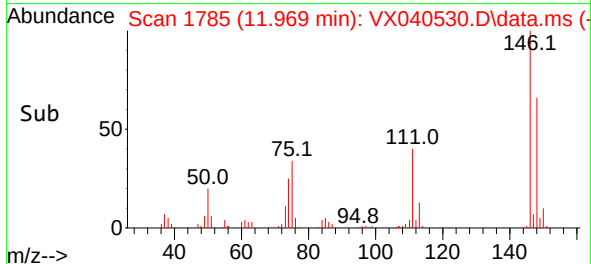
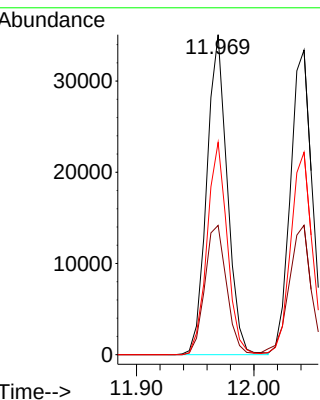
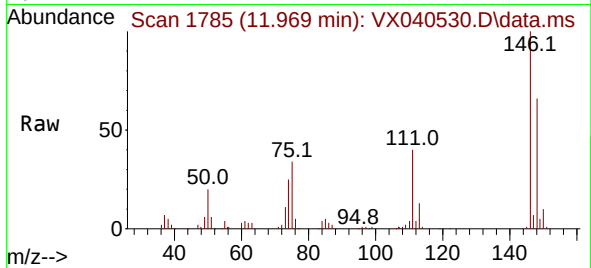
148 65.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#88

1,4-Dichlorobenzene

Concen: 18.422 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040530.D

Acq: 29 Feb 2024 12:29

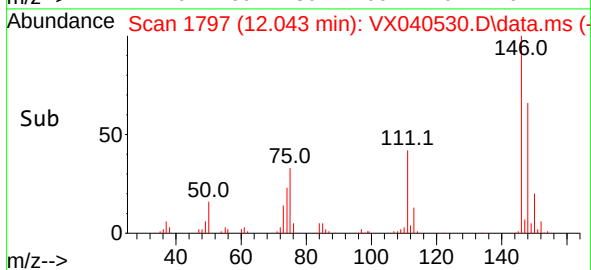
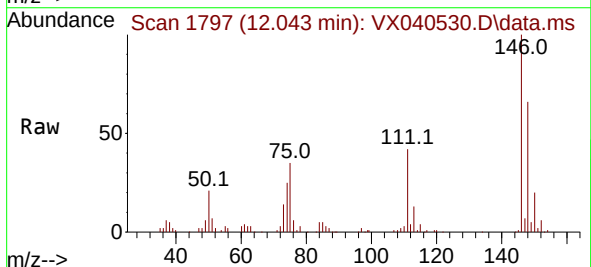
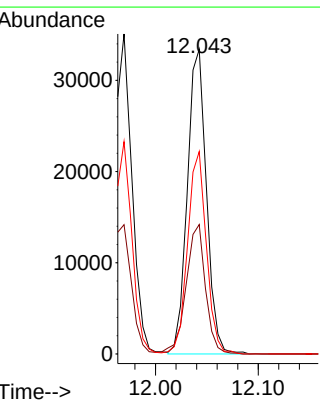
Tgt Ion:146 Resp: 43271

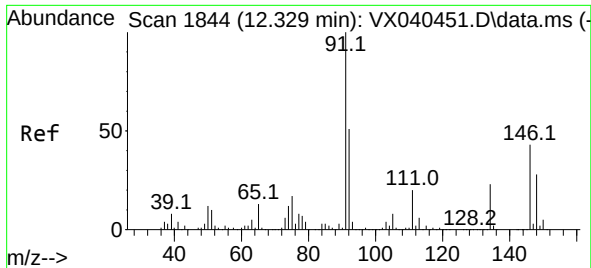
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

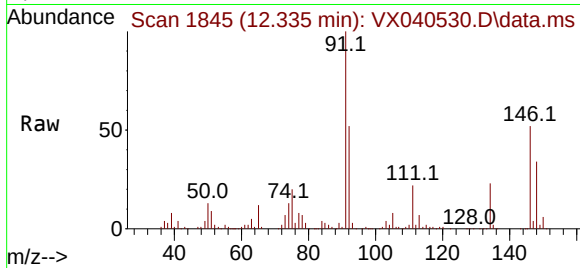
148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 18.628 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

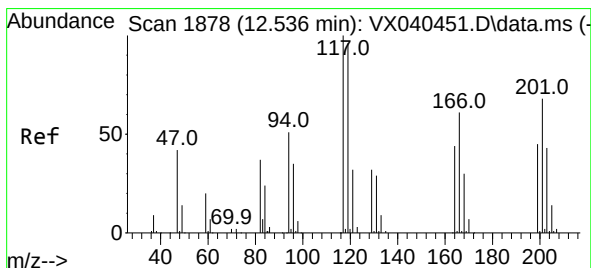
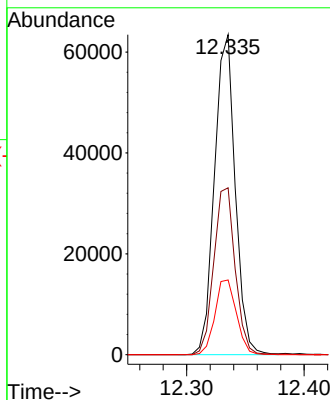
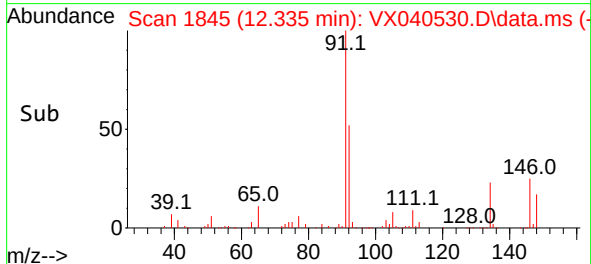
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion: 91 Resp: 7790
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.0
134 24.2 12.6 37.8

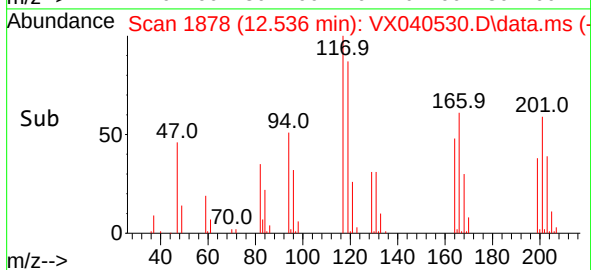
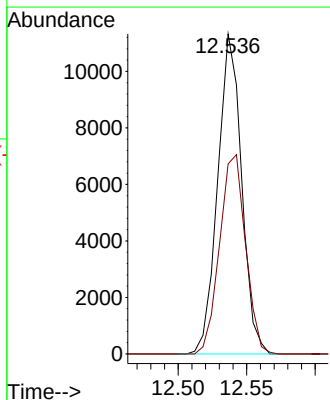
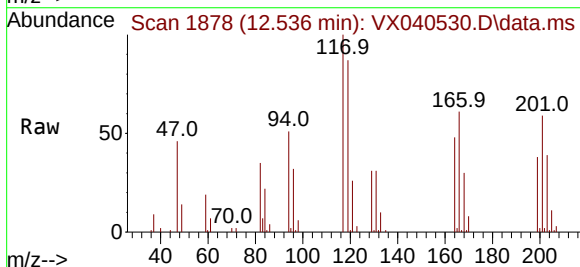
Manual Integrations
APPROVED

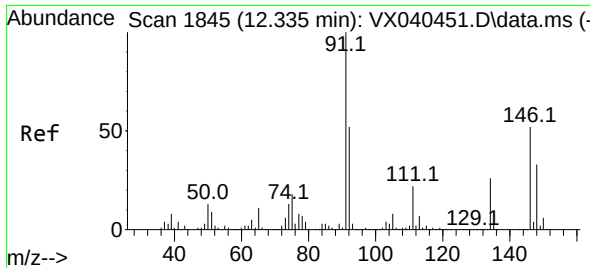
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#90
Hexachloroethane
Concen: 19.354 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

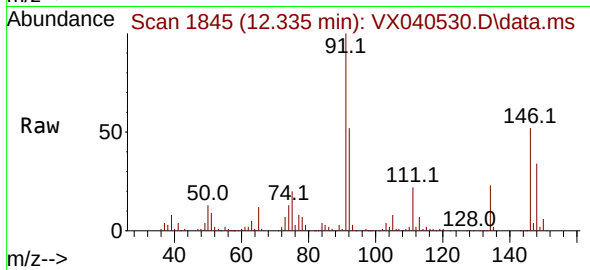
Tgt Ion:117 Resp: 13692
Ion Ratio Lower Upper
117 100
201 67.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.950 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

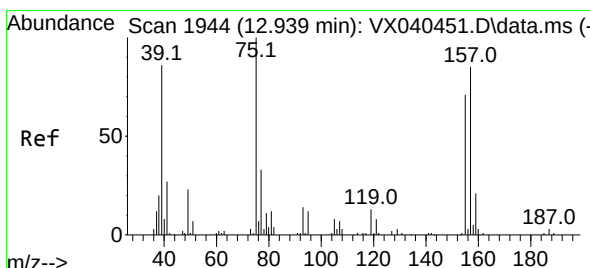
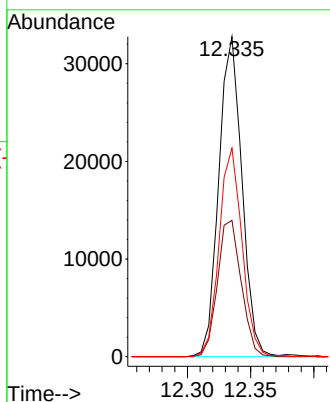
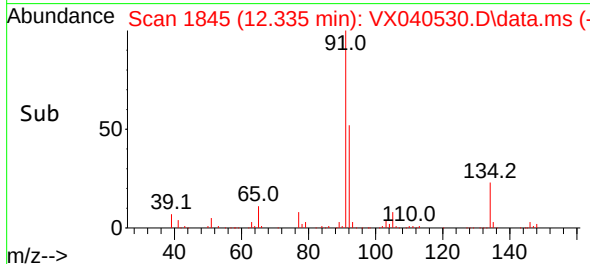
Instrument : MSVOA_X
ClientSampleId : VX0229WBS01



Tgt Ion:146 Resp: 41669
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.5 31.6 95.0

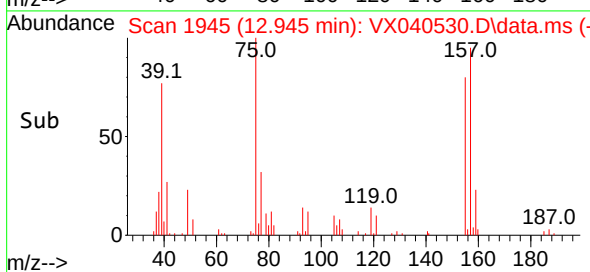
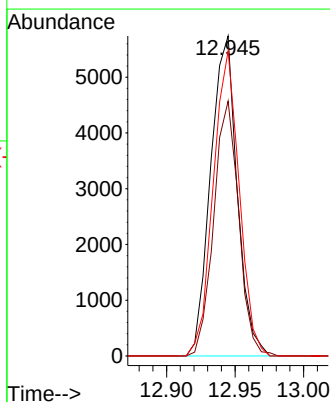
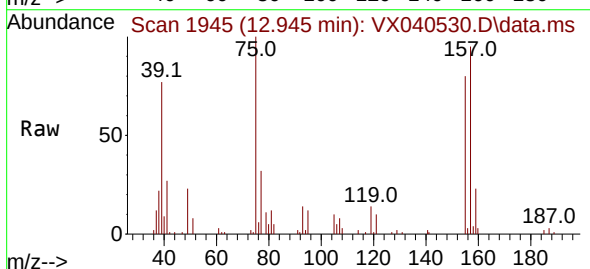
Manual Integrations
APPROVED

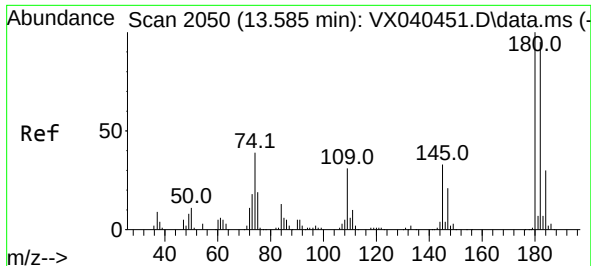
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.742 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion: 75 Resp: 7736
Ion Ratio Lower Upper
75 100
155 74.8 36.1 108.5
157 93.3 44.9 134.7





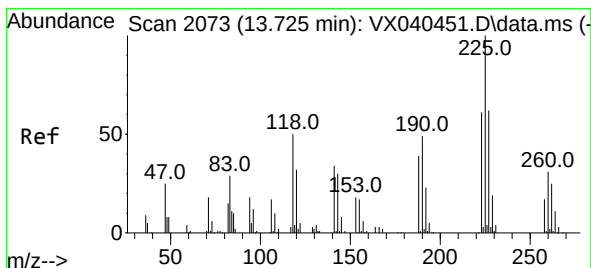
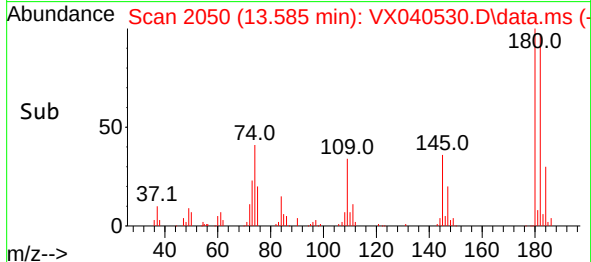
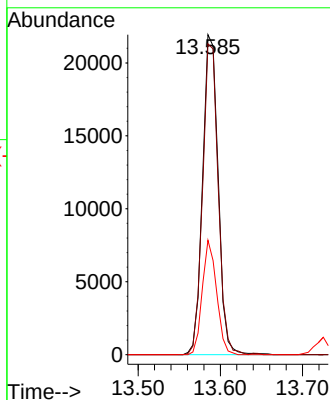
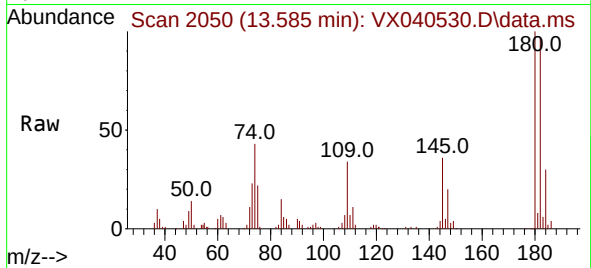
#93
1,2,4-Trichlorobenzene
Concen: 20.089 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01

Tgt Ion:180 Resp: 28828
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.8
145 32.9 18.0 54.0

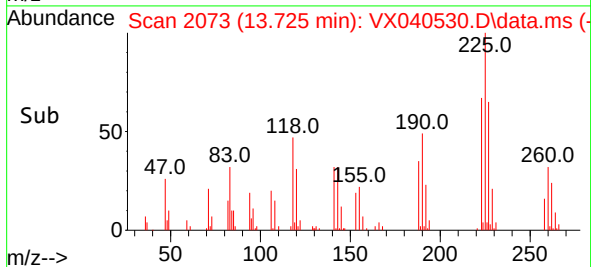
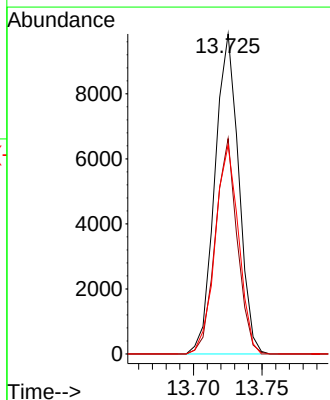
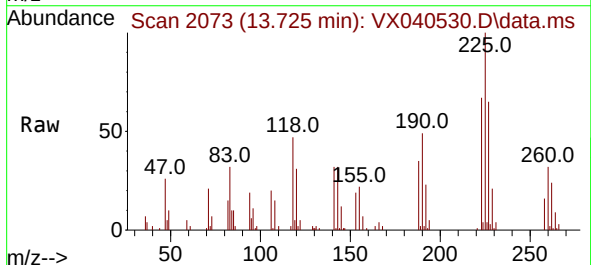
Manual Integrations
APPROVED

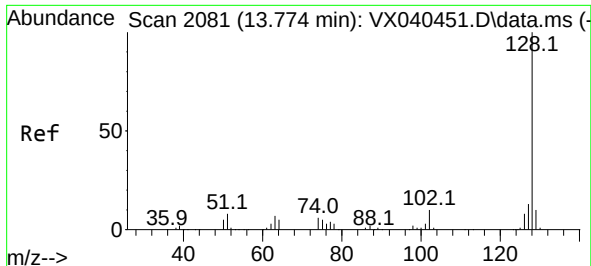
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#94
Hexachlorobutadiene
Concen: 20.261 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

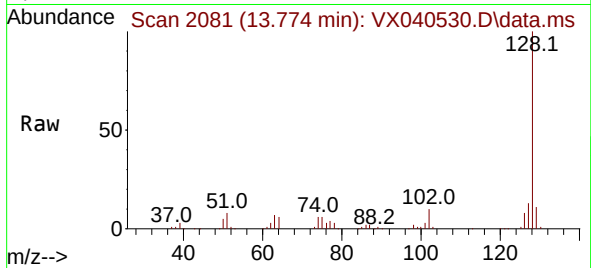
Tgt Ion:225 Resp: 11883
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.2
227 64.2 32.5 97.5





#95
Naphthalene
Concen: 20.564 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

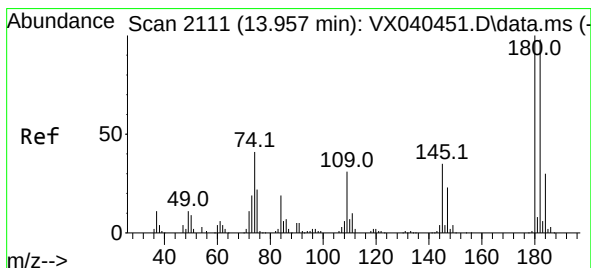
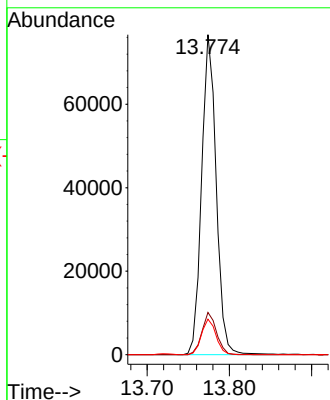
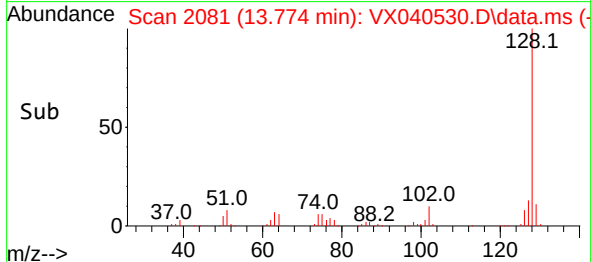
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS01



Tgt Ion:128 Resp: 94304
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.737 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040530.D
Acq: 29 Feb 2024 12:29

Tgt Ion:180 Resp: 28287
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 34.4 17.8 53.5

