

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036549.D
 Acq On : 14 Jul 2023 09:17
 Operator : JC/MD
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Quant Time: Jul 17 01:25:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Semsettin Yesilyurt 07/17/2023

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

Internal Standards						
1) Bromochloromethane	4.891	128	33322	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	177854	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	164336	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	78606	28.423	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.733%		
60) 4-Bromofluorobenzene	11.079	95	78524	29.457	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.200%		
63) Toluene-d8	8.647	98	222923	29.479	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.267%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30789	16.537	ug/l	100
3) Chloromethane	1.294	50	41125	16.146	ug/l	94
4) Vinyl Chloride	1.374	62	41621	15.846	ug/l	99
5) Bromomethane	1.611	94	44354	16.489	ug/l	99
6) Chloroethane	1.685	64	28408	15.890	ug/l #	89
7) Trichlorofluoromethane	1.886	101	70488	16.542	ug/l	99
8) Diethyl Ether	2.136	74	30380	17.159	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	32470	16.830	ug/l	97
10) 1,1-Dichloroethene	2.319	96	32487	16.660	ug/l	97
11) Methyl Iodide	2.453	142	36418	16.389	ug/l	98
12) Methyl Acetate	2.703	43	80010	17.456	ug/l	99
13) Acrolein	2.239	56	23524	62.562	ug/l	100
14) Acrylonitrile	3.062	53	109599	85.306	ug/l	97
15) Acetone	2.386	58	31181	85.723	ug/l	91
16) Carbon Disulfide	2.514	76	77329	16.345	ug/l	99
17) Allyl chloride	2.666	41	57622	16.658	ug/l	98
18) Methylene Chloride	2.788	84	38632	16.453	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	35260	16.543	ug/l	94
20) Diisopropyl ether	3.757	45	126984	18.012	ug/l	94
21) 1,1-Dichloroethane	3.605	63	70097	17.054	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	44115	17.197	ug/l	98
23) tert-Butyl Alcohol	2.971	59	48548	81.372	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	126633	17.858	ug/l	99
25) Chloroform	5.092	83	75602	17.791	ug/l	97
26) Cyclohexane	5.470	56	49800	15.793	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	48096	17.933	ug/l	98
30) 2-Butanone	4.556	43	155730	92.219	ug/l	100
31) 2,2-Dichloropropane	4.471	77	53637	18.237	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57895	18.167	ug/l	99
33) Carbon Tetrachloride	5.678	117	47824	17.590	ug/l	98
34) Benzene	6.037	78	155956	18.865	ug/l	96
35) Methacrylonitrile	4.916	41	32412	18.499	ug/l	97
36) 1,2-Dichloroethane	6.086	62	61145	19.263	ug/l	99
37) Trichloroethene	7.123	130	38453	17.673	ug/l	99
38) Methylcyclohexane	7.379	83	53276	17.075	ug/l	99
39) 1,2-Dichloropropane	7.427	63	43204	19.280	ug/l	98
40) Dibromomethane	7.580	93	30979	19.086	ug/l	97
41) Bromodichloromethane	7.824	83	56090	19.040	ug/l	98
42) Vinyl Acetate	3.721	43	498387	97.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	60705	18.468	ug/l	96
44) Isopropyl Acetate	6.336	43	99065	18.898	ug/l	99
45) 1,4-Dioxane	7.671	88	22721	381.842	ug/l #	1
46) Methyl methacrylate	7.690	41	48673	19.427	ug/l	95
47) n-amyl Acetate	10.841	43	84331	18.966	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	59920	18.545	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	65531	18.776	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	43228	19.619	ug/l	99
51) Ethyl methacrylate	9.116	69	65915	19.054	ug/l	98
52) 1,3-Dichloropropane	9.305	76	72740	19.562	ug/l	99
53) Dibromochloromethane	9.518	129	41798	18.794	ug/l	99
54) 1,2-Dibromoethane	9.610	107	44826	19.366	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	179472	96.466	ug/l	100
56) Bromoform	10.799	173	28446	18.384	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	314703	92.608	ug/l	99
59) 2-Hexanone	9.427	43	238654	92.313	ug/l	98
61) Tetrachloroethene	9.275	164	34158	17.354	ug/l	98
62) Toluene	8.720	91	169930	18.429	ug/l	99
64) Chlorobenzene	10.079	112	105172	18.321	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	38087	18.372	ug/l	99
66) Ethyl Benzene	10.195	91	180816	18.044	ug/l	97
67) m/p-Xylenes	10.299	106	141361	36.185	ug/l	99
68) o-Xylene	10.640	106	71723	18.499	ug/l	100
69) Styrene	10.652	104	115475	18.369	ug/l	98
70) Isopropylbenzene	10.963	105	175364	18.160	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	67038	19.020	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	61651m	18.876	ug/l	
73) Bromobenzene	11.195	156	43628	18.277	ug/l	98
74) n-propylbenzene	11.305	91	203418	17.897	ug/l	99
75) 2-Chlorotoluene	11.366	91	125772	18.197	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	149436	18.009	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	17530	16.345	ug/l	97
78) 4-Chlorotoluene	11.451	91	143004	18.171	ug/l	99
79) tert-butylbenzene	11.713	119	139301	17.687	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	149830	18.222	ug/l	100
81) sec-Butylbenzene	11.890	105	171367	17.286	ug/l	97
82) p-Isopropyltoluene	12.006	119	142083	17.227	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	79321	17.864	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	79290	17.921	ug/l	99
85) n-Butylbenzene	12.329	91	124047	16.522	ug/l	99
86) Hexachloroethane	12.536	117	21285	15.587	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	81623	18.327	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	13952	17.605	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	48198	17.161	ug/l	99
90) Hexachlorobutadiene	13.725	225	16551	16.225	ug/l	97
91) Naphthalene	13.774	128	178493	18.113	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	48523	17.117	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

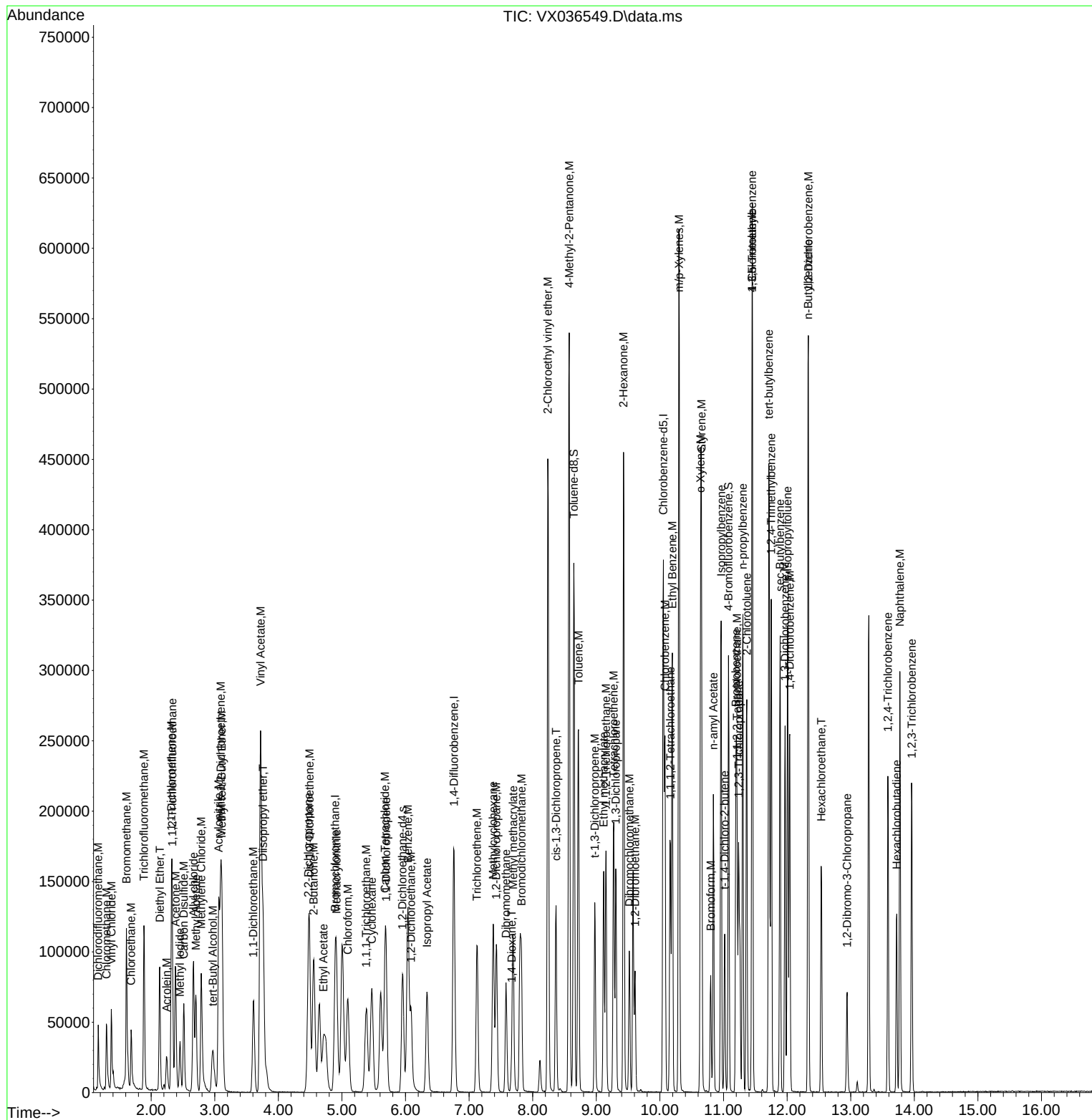
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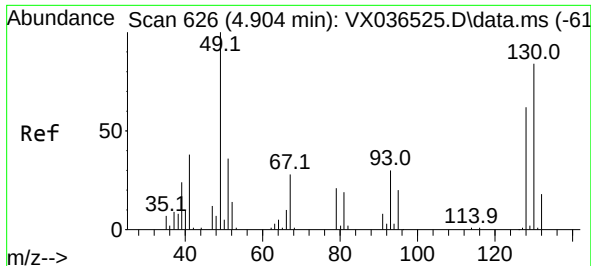
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

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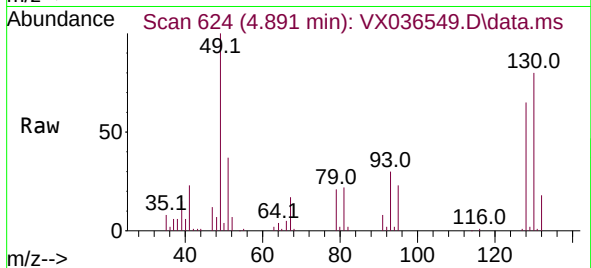
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

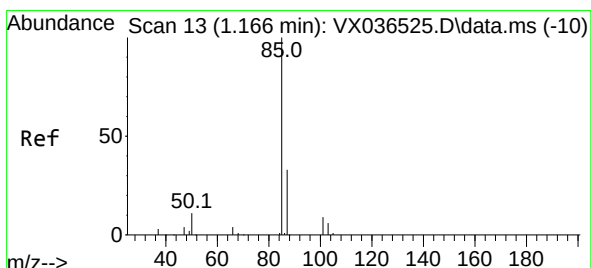
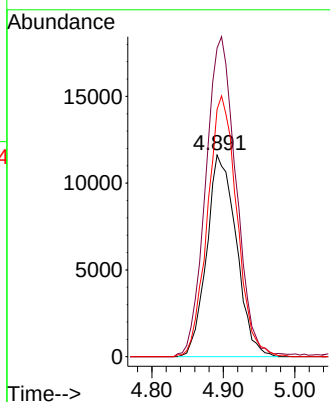
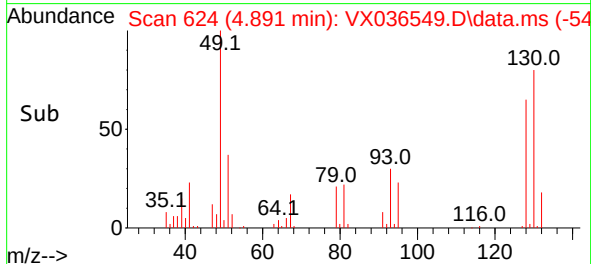
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:128 Resp: 3332
Ion Ratio Lower Upper
128 100
49 162.6 0.0 406.3
130 128.9 0.0 328.0

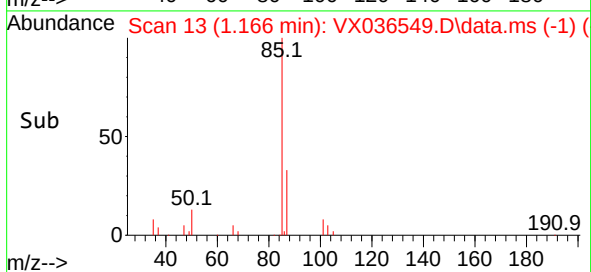
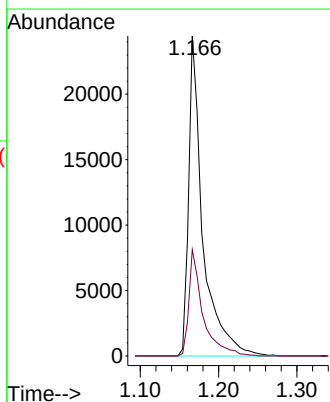
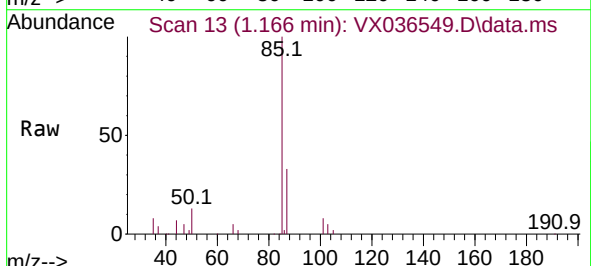
Manual Integrations
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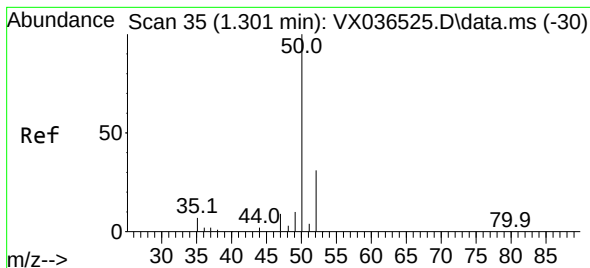
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#2
Dichlorodifluoromethane
Concen: 16.537 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 85 Resp: 30789
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.4





#3

Chloromethane

Concen: 16.146 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 50 Resp: 4112

Ion Ratio Lower Upper

50 100

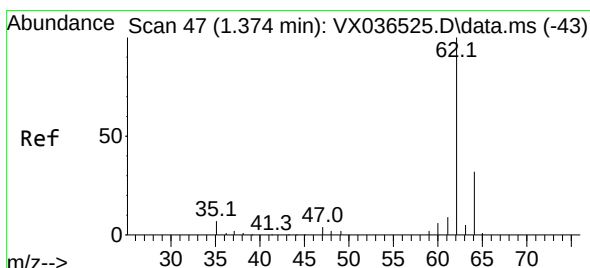
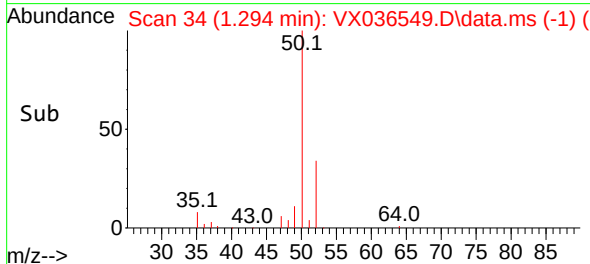
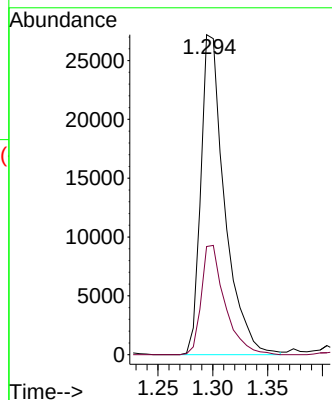
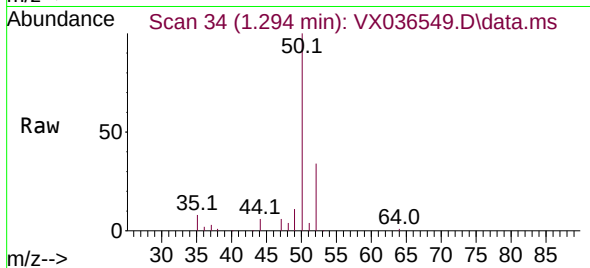
52 33.8 24.5 36.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 15.846 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX036549.D

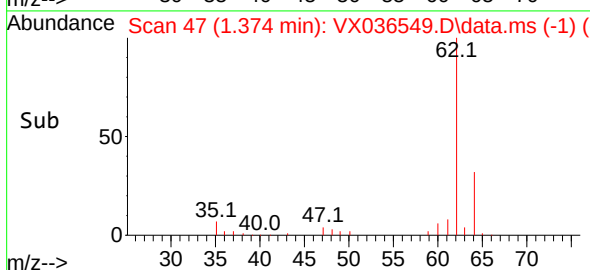
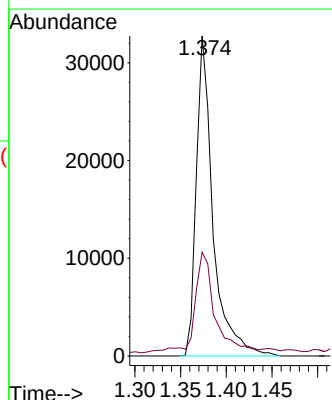
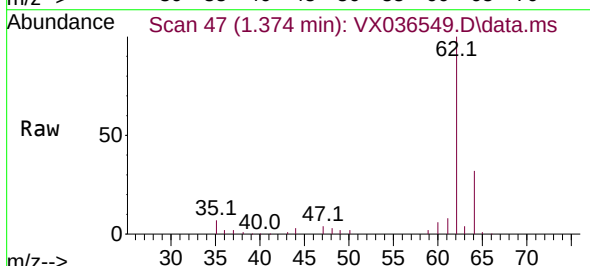
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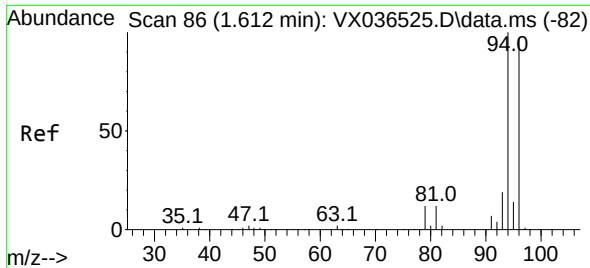
Tgt Ion: 62 Resp: 41621

Ion Ratio Lower Upper

62 100

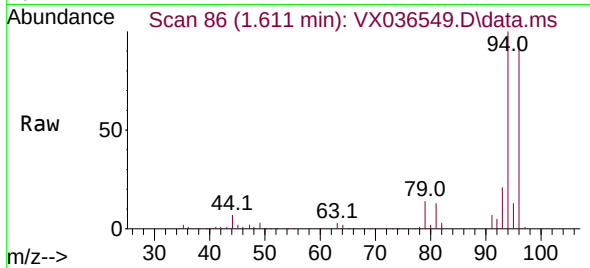
64 30.8 25.3 37.9





#5
Bromomethane
Concen: 16.489 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

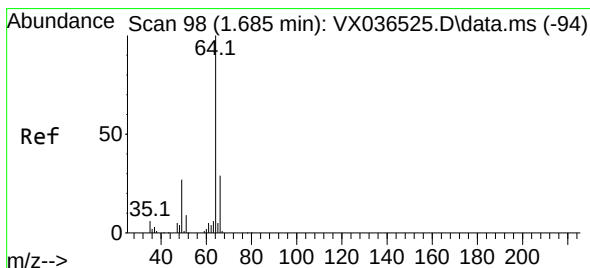
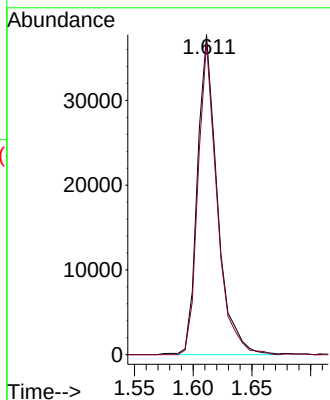
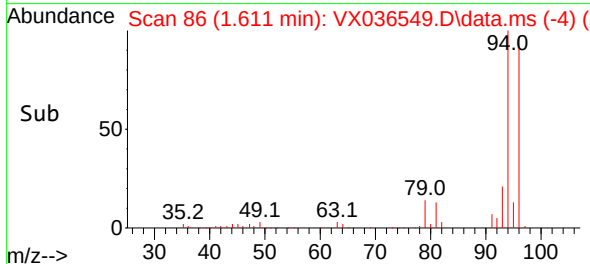
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 94 Resp: 44354
Ion Ratio Lower Upper
94 100
96 97.7 77.4 116.2

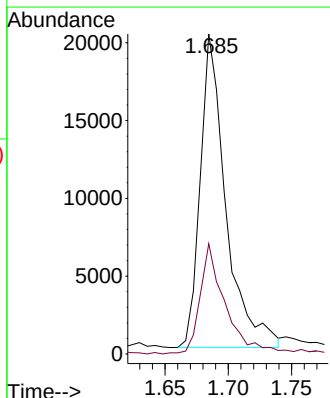
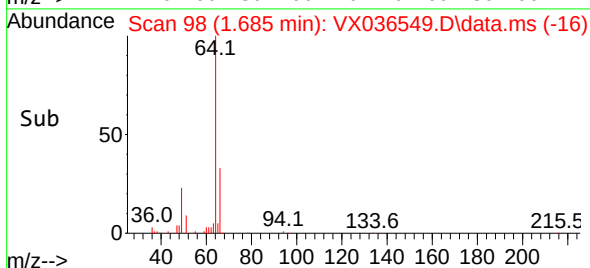
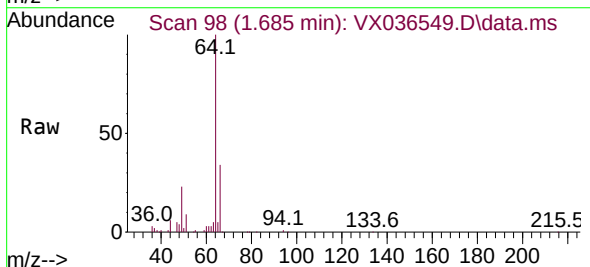
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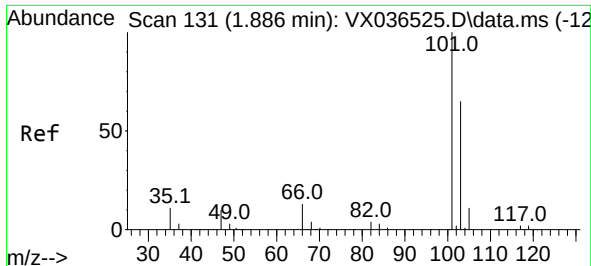
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#6
Chloroethane
Concen: 15.890 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

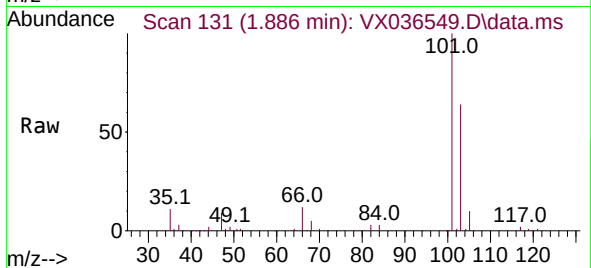
Tgt Ion: 64 Resp: 28408
Ion Ratio Lower Upper
64 100
66 34.8 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 16.542 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036549.D
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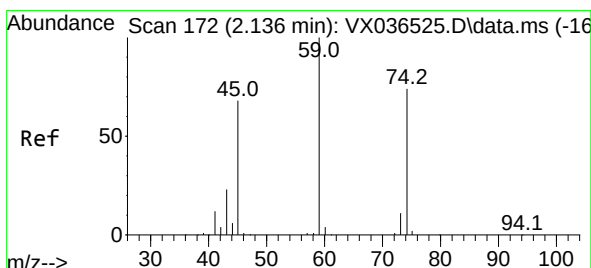
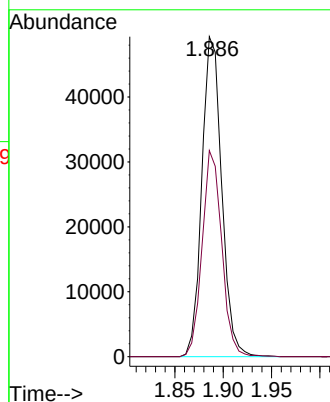
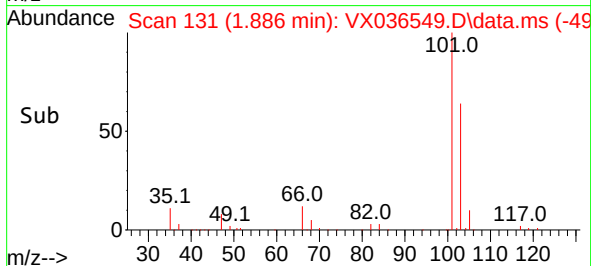
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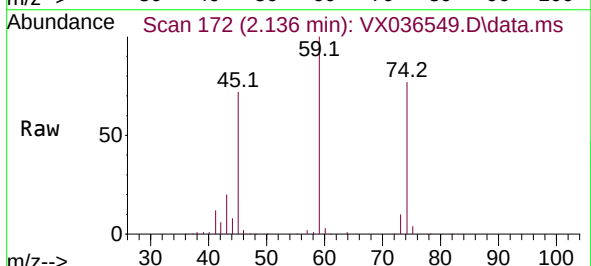
Tgt Ion:101 Resp: 7048
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

Manual Integrations
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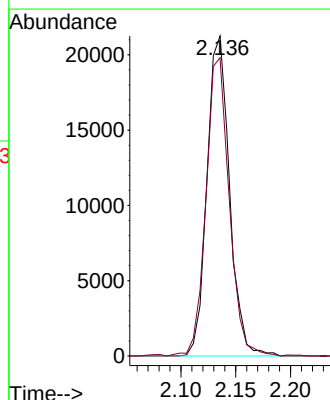
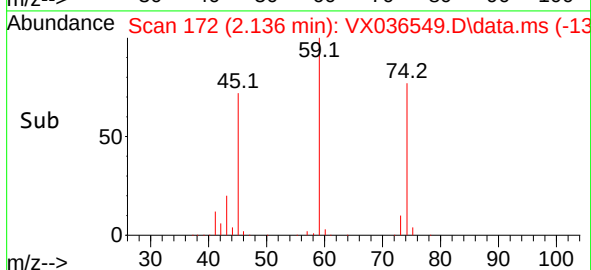
Reviewed By :John Carlone 07/17/2023
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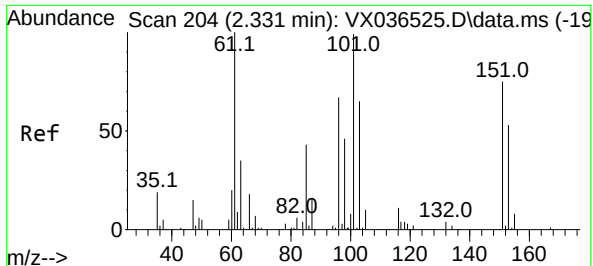


#8
 Diethyl Ether
 Concen: 17.159 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036549.D
 Acq: 14 Jul 2023 09:17



Tgt Ion: 74 Resp: 30380
 Ion Ratio Lower Upper
 74 100
 45 95.5 19.9 178.9





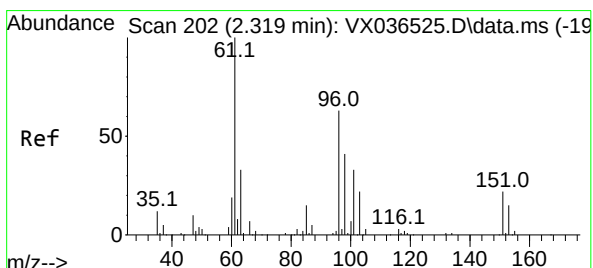
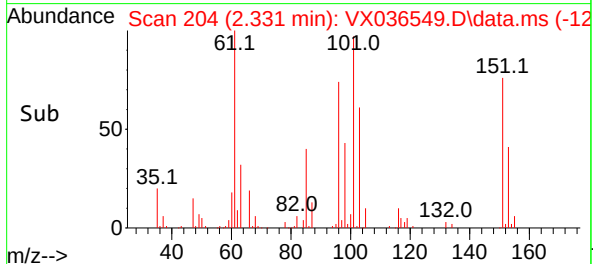
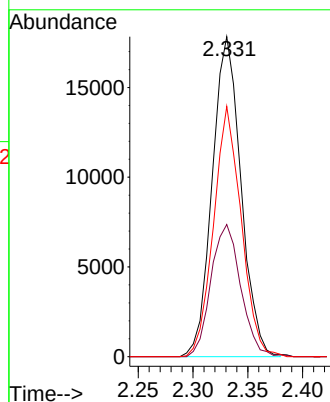
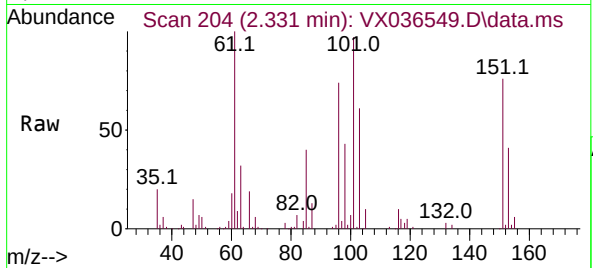
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1,1,2-Trichlorotrifluoroethane
Concen: 16.830 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 32470
Ion Ratio Lower Upper
101 100
85 42.6 0.0 91.0
151 75.2 0.0 155.4

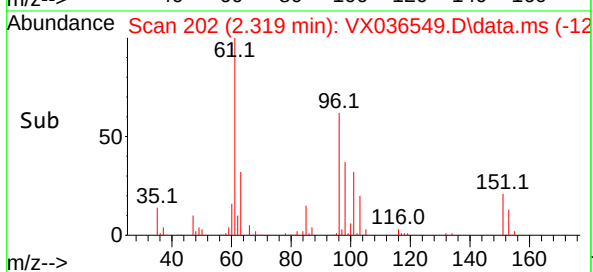
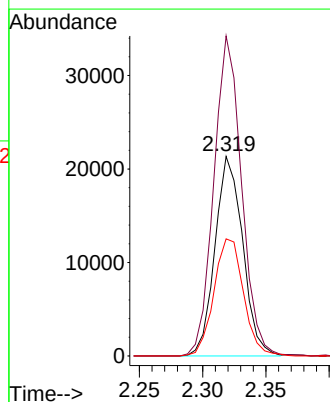
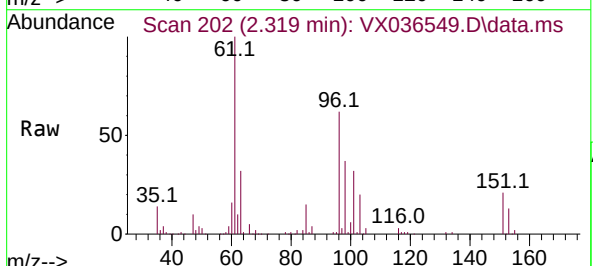
Manual Integrations
APPROVED

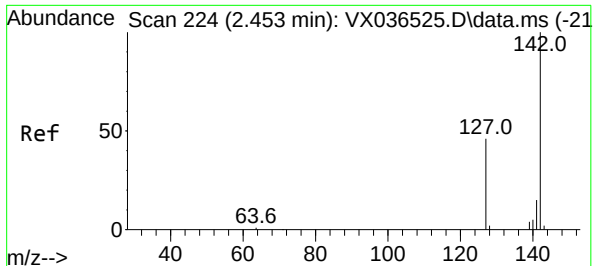
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#10
1,1-Dichloroethene
Concen: 16.660 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

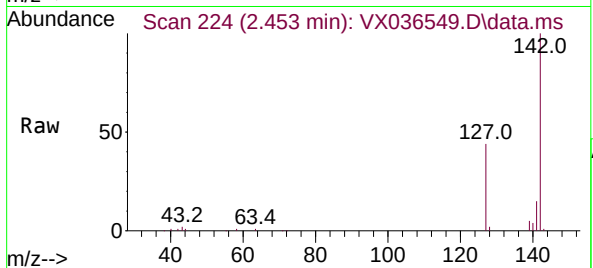
Tgt Ion: 96 Resp: 32487
Ion Ratio Lower Upper
96 100
61 160.3 127.2 190.8
98 58.7 52.7 79.1





#11
Methyl Iodide
Concen: 16.389 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

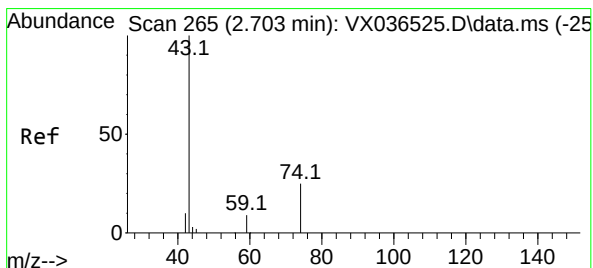
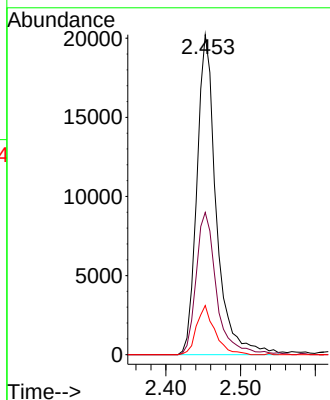
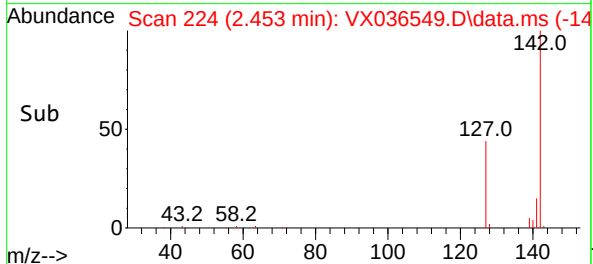
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



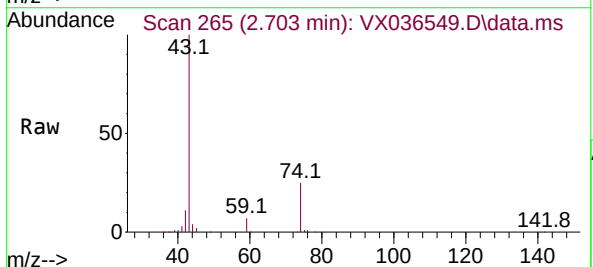
Tgt Ion:142 Resp: 36418
Ion Ratio Lower Upper
142 100
127 44.3 22.9 68.8
141 15.4 7.5 22.6

Manual Integrations
APPROVED

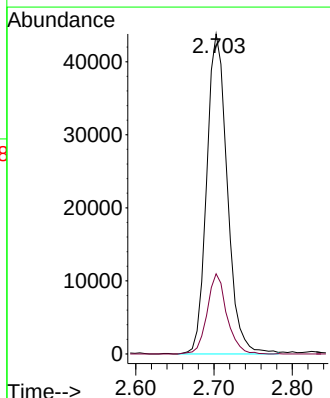
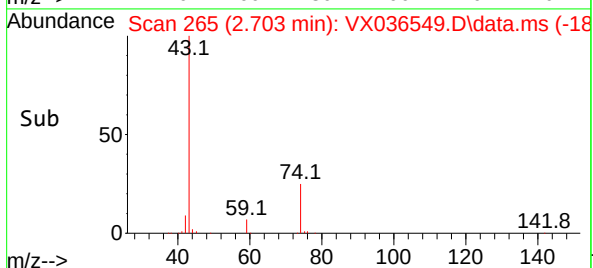
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

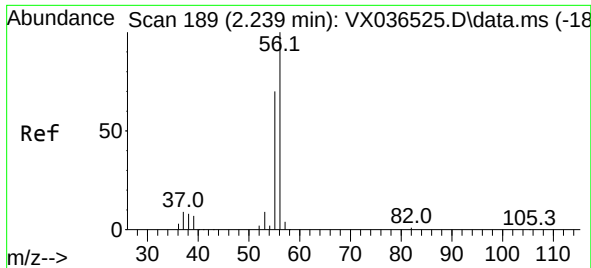


#12
Methyl Acetate
Concen: 17.456 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



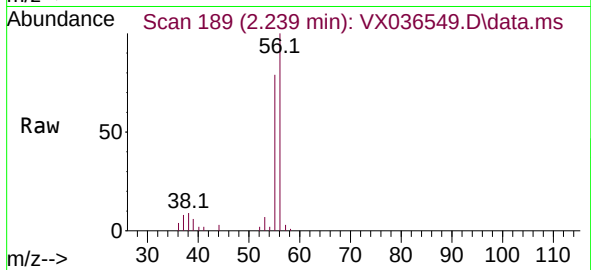
Tgt Ion: 43 Resp: 80010
Ion Ratio Lower Upper
43 100
74 25.0 20.3 30.5





#13
Acrolein
Concen: 62.562 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

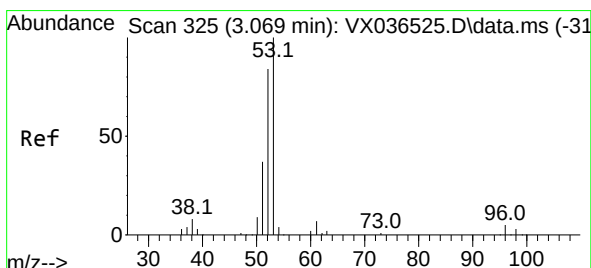
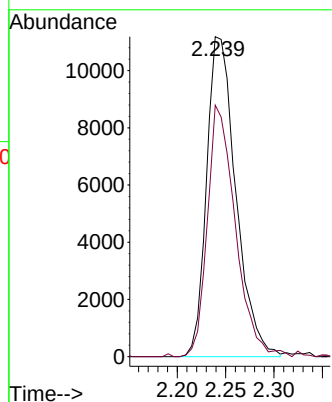
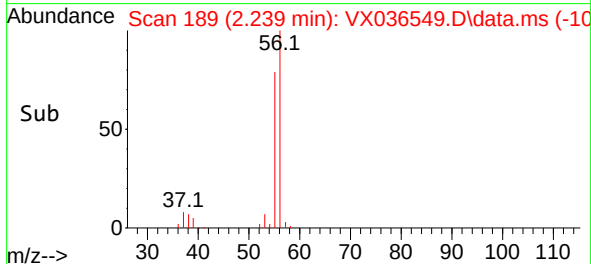
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



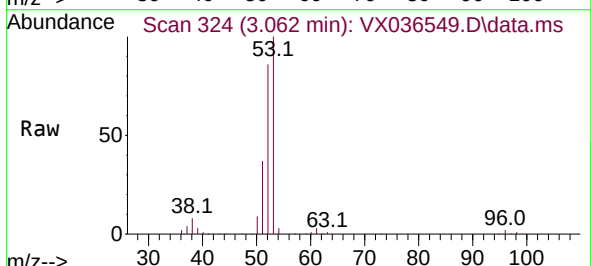
Tgt Ion: 56 Resp: 23524
Ion Ratio Lower Upper
56 100
55 74.4 59.7 89.5

Manual Integrations
APPROVED

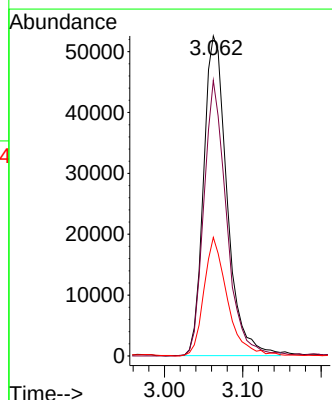
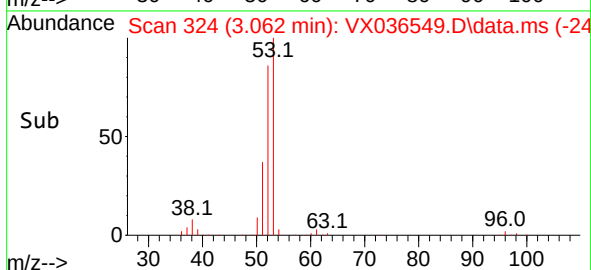
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

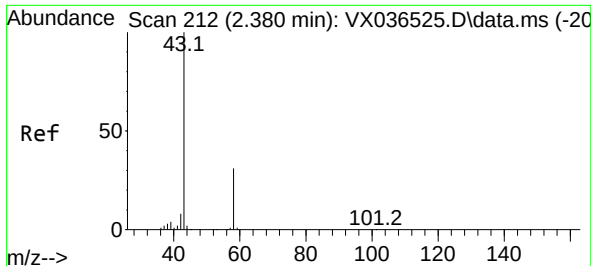


#14
Acrylonitrile
Concen: 85.306 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion: 53 Resp: 109599
Ion Ratio Lower Upper
53 100
52 83.4 40.0 119.9
51 36.6 18.2 54.6





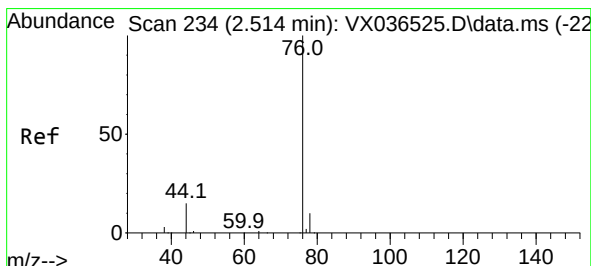
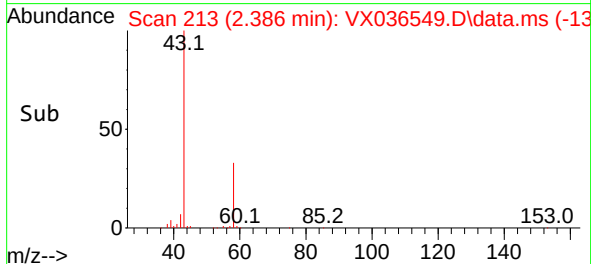
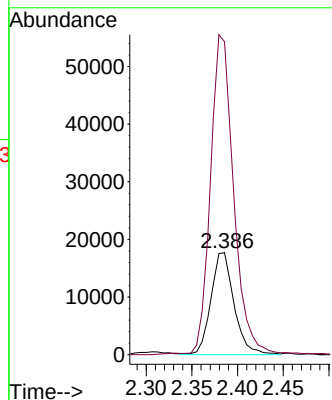
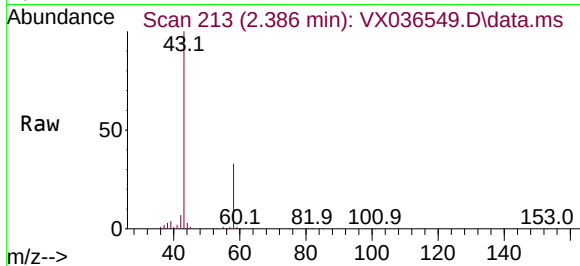
#15
Acetone
Concen: 85.723 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion: 58 Resp: 3118
Ion Ratio Lower Upper
58 100
43 307.3 261.0 391.4

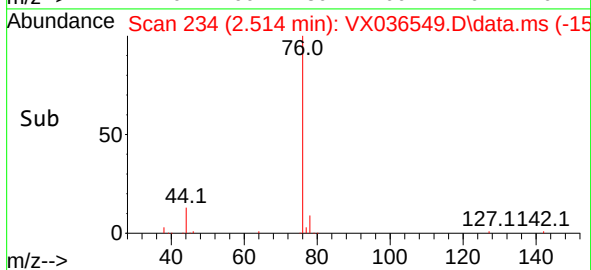
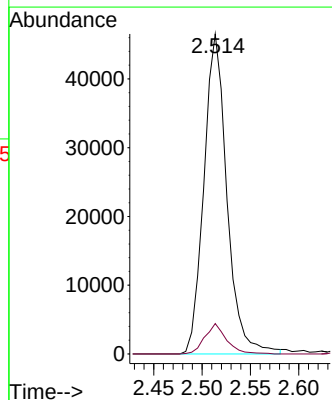
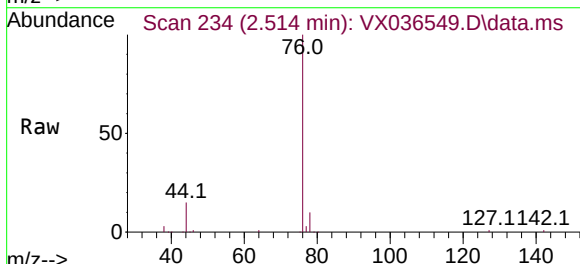
Manual Integrations
APPROVED

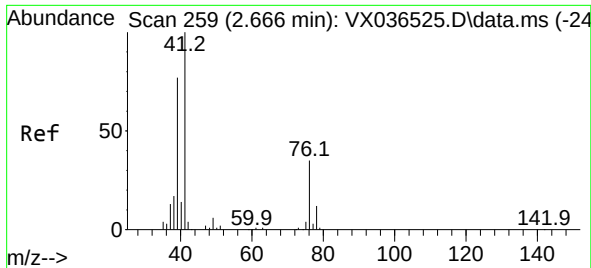
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#16
Carbon Disulfide
Concen: 16.345 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

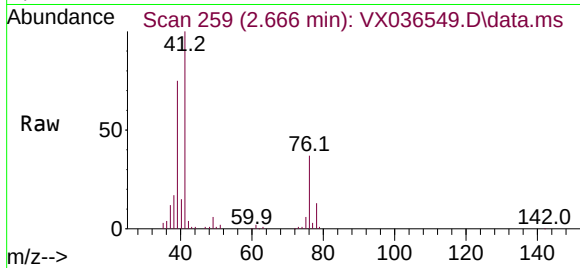
Tgt Ion: 76 Resp: 77329
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 16.658 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX036549.D
 Acq: 14 Jul 2023 09:17

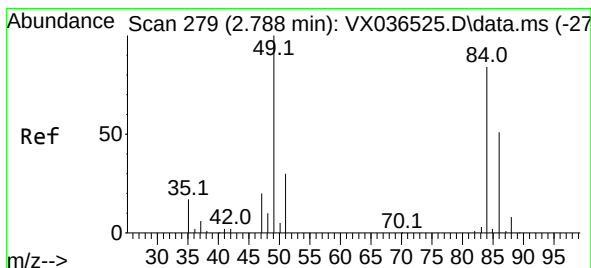
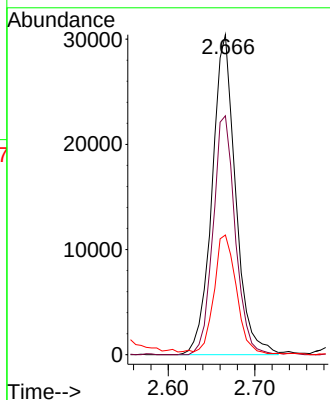
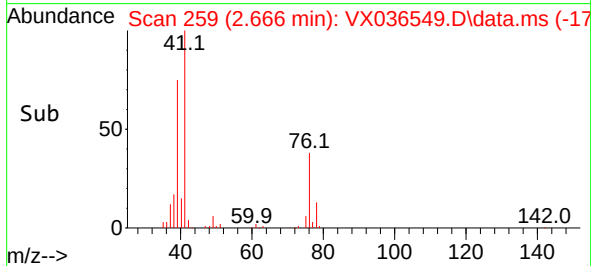
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01



Tgt Ion: 41 Resp: 5762
 Ion Ratio Lower Upper
 41 100
 39 74.6 38.5 115.3
 76 37.0 18.6 55.8

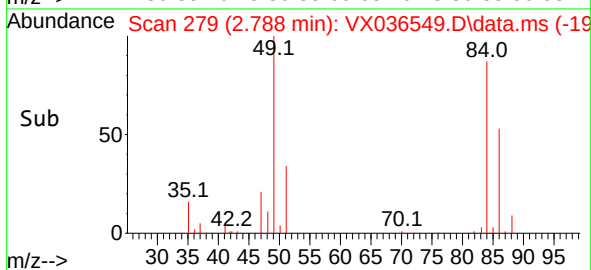
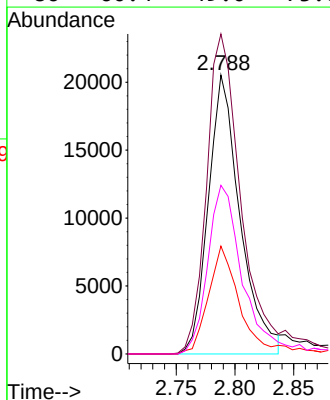
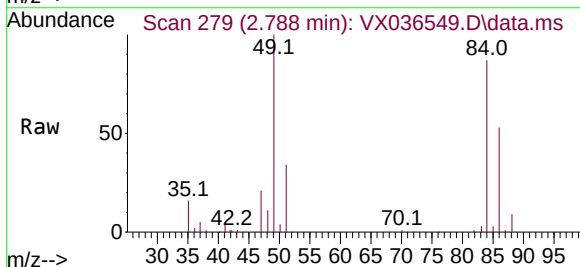
Manual Integrations
 APPROVED

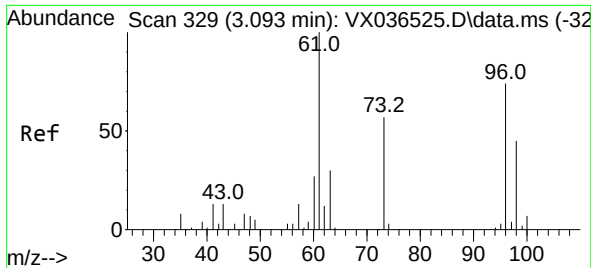
Reviewed By :John Carlone 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023



#18
 Methylene Chloride
 Concen: 16.453 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX036549.D
 Acq: 14 Jul 2023 09:17

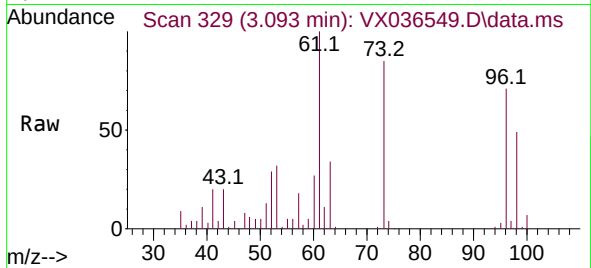
Tgt Ion: 84 Resp: 38632
 Ion Ratio Lower Upper
 84 100
 49 114.4 95.4 143.0
 51 38.7 28.3 42.5
 86 60.4 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 16.543 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

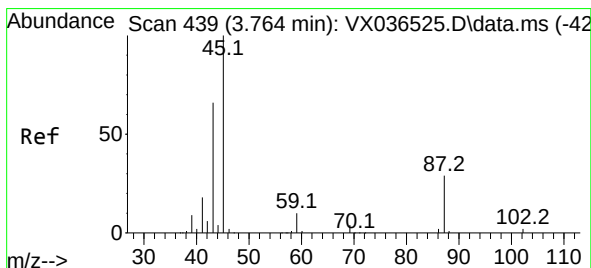
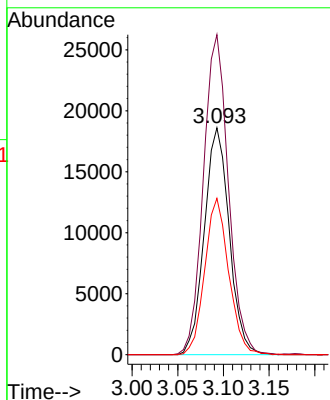
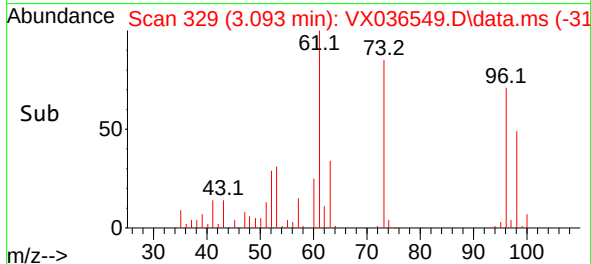
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



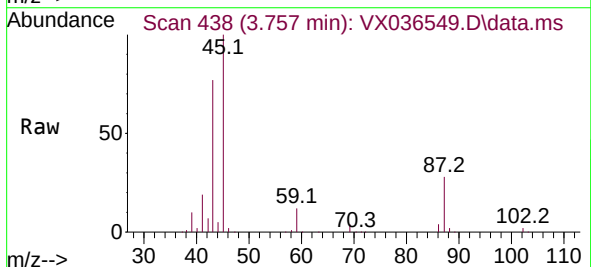
Tgt Ion: 96 Resp: 35260
Ion Ratio Lower Upper
96 100
61 141.0 108.7 163.1
98 68.9 49.1 73.7

Manual Integrations
APPROVED

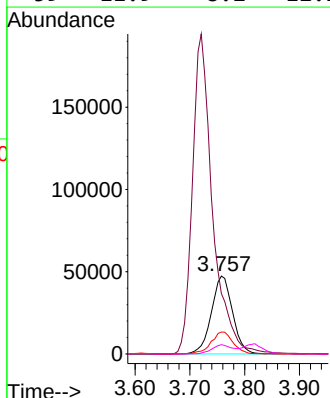
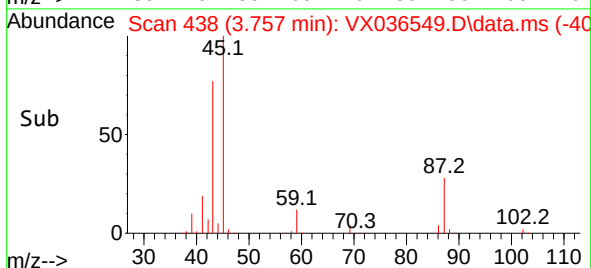
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

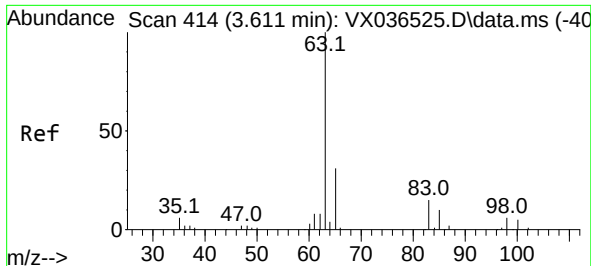


#20
Diisopropyl ether
Concen: 18.012 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion: 45 Resp: 126984
Ion Ratio Lower Upper
45 100
43 75.9 55.8 83.6
87 28.1 23.0 34.4
59 11.9 8.2 12.2





#21

1,1-Dichloroethane

Concen: 17.054 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

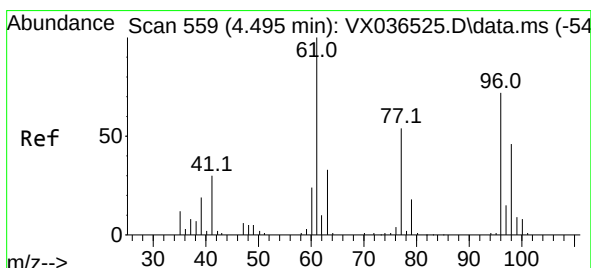
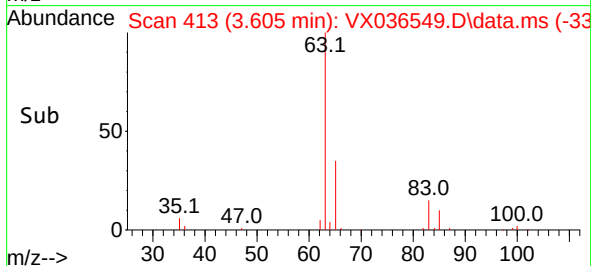
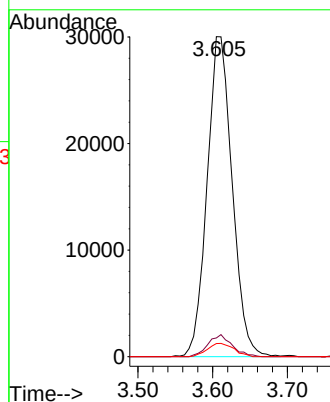
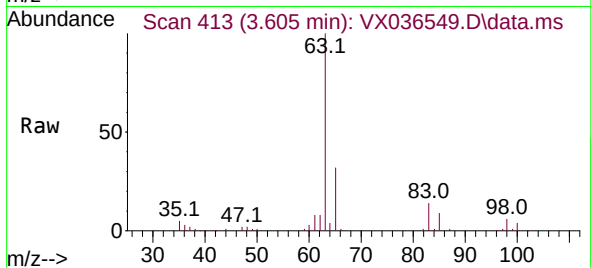
Tgt Ion: 63	Resp: 7009
Ion Ratio	Lower Upper
63 100	
98 5.8	3.2 9.6
100 4.1	2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#22

cis-1,2-Dichloroethene

Concen: 17.197 ug/l

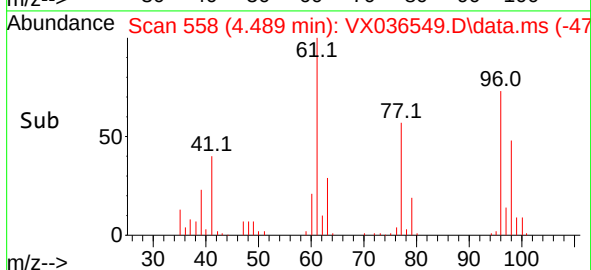
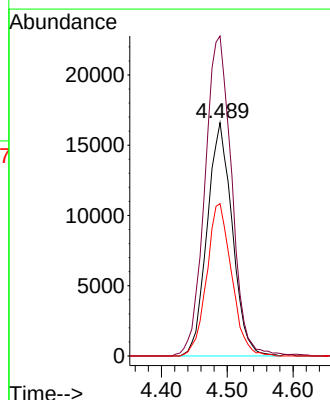
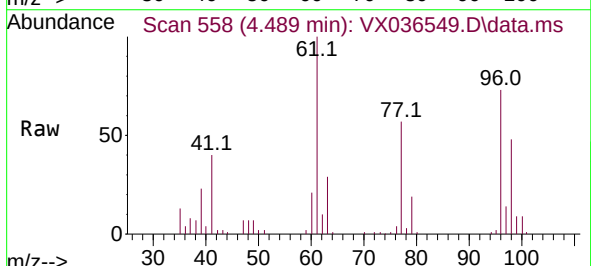
RT: 4.489 min Scan# 558

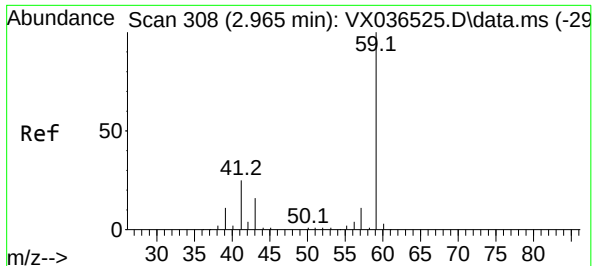
Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

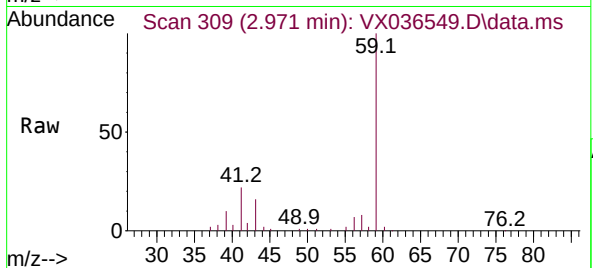
Tgt Ion: 96	Resp: 44115
Ion Ratio	Lower Upper
96 100	
61 145.6	114.0 171.0
98 64.8	51.6 77.4





#23
tert-Butyl Alcohol
Concen: 81.372 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

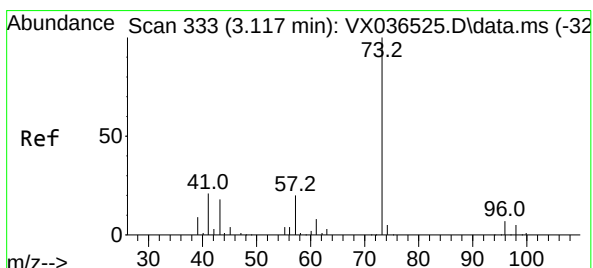
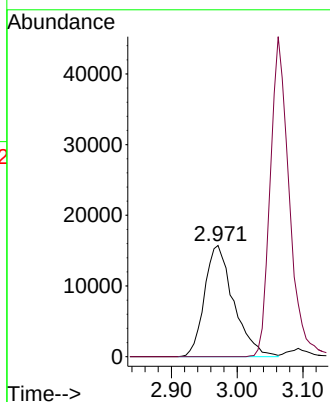
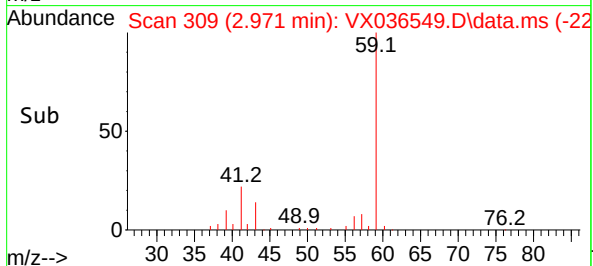
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 59 Resp: 48548
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

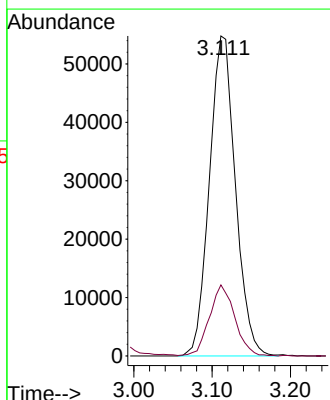
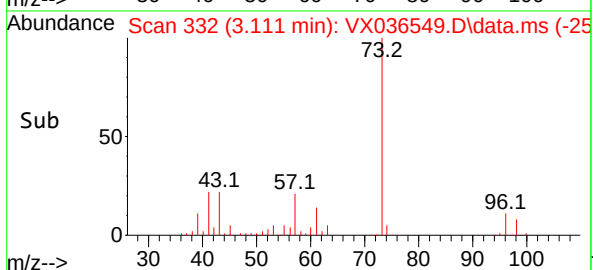
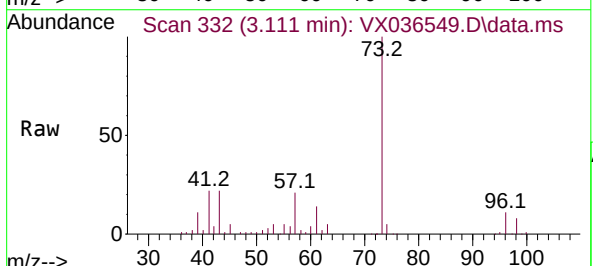
Manual Integrations
APPROVED

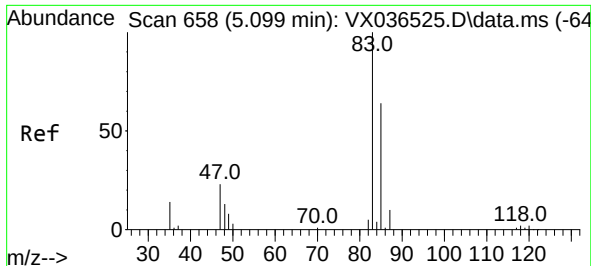
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#24
Methyl tert-Butyl Ether
Concen: 17.858 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 73 Resp: 126633
Ion Ratio Lower Upper
73 100
43 21.6 16.8 25.2





#25

Chloroform

Concen: 17.791 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 83 Resp: 7560

Ion Ratio Lower Upper

83 100

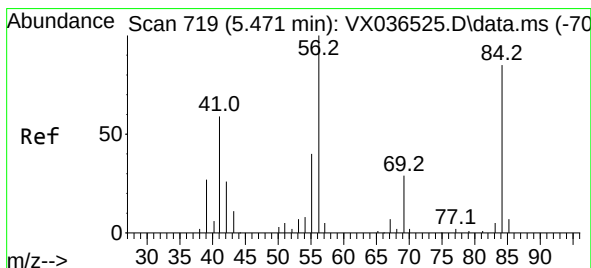
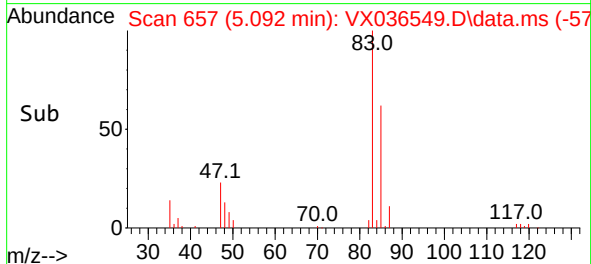
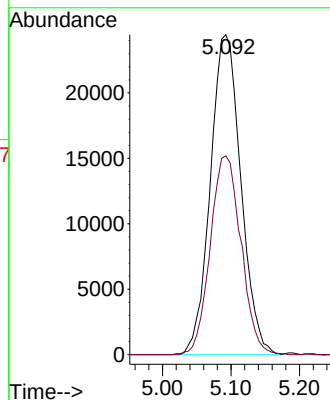
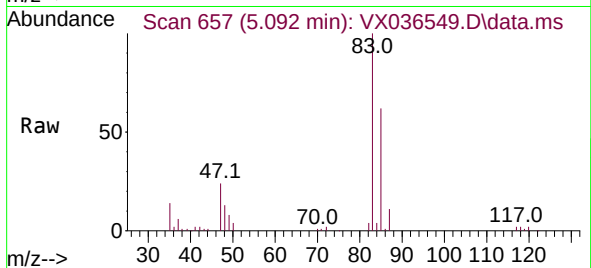
85 62.2 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#26

Cyclohexane

Concen: 15.793 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

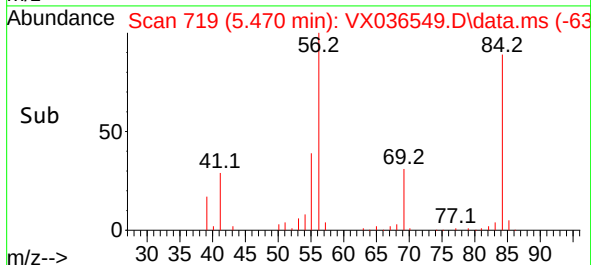
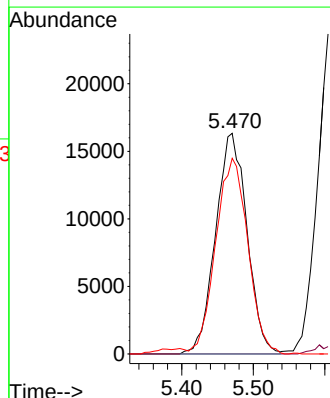
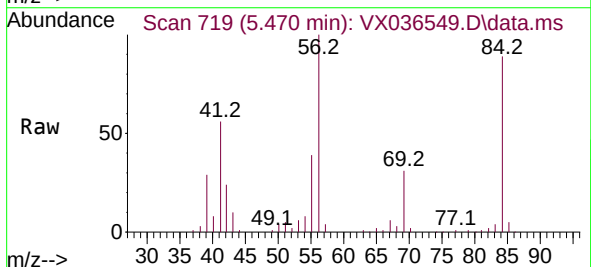
Tgt Ion: 56 Resp: 49800

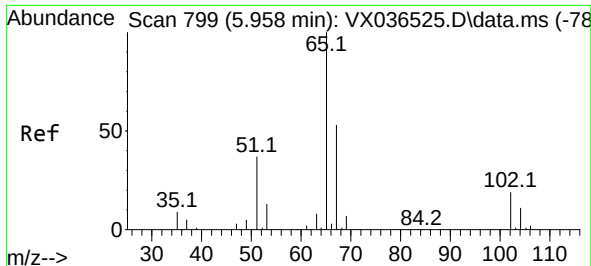
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.7 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 28.423 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 65 Resp: 78600

Ion Ratio Lower Upper

65 100

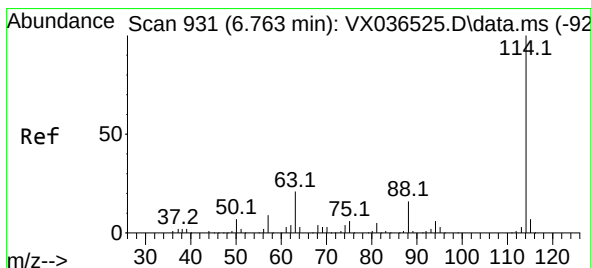
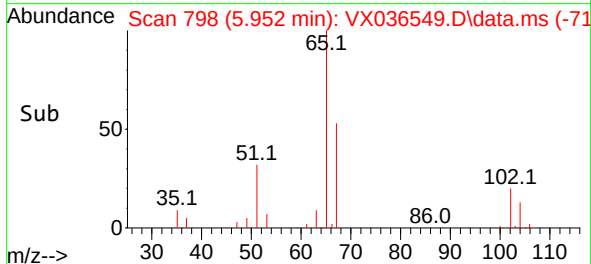
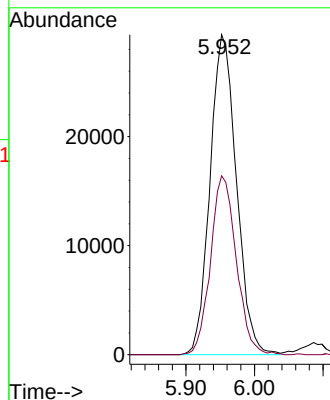
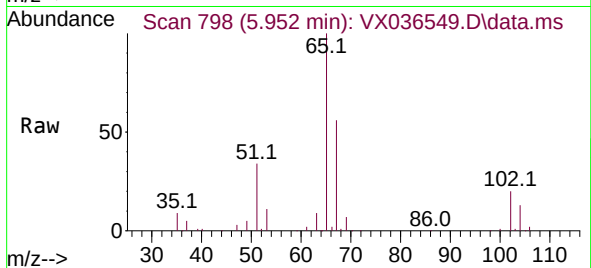
67 54.3 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

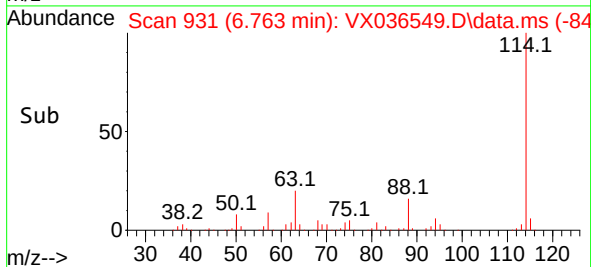
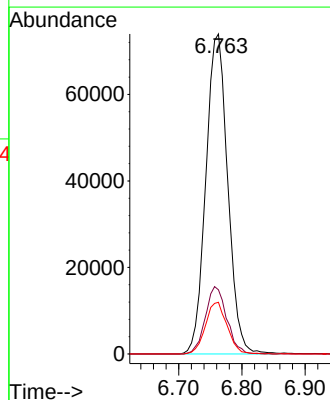
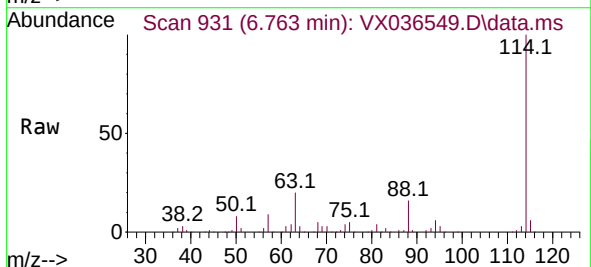
Tgt Ion:114 Resp: 177854

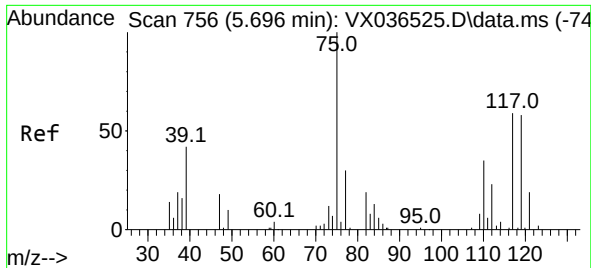
Ion Ratio Lower Upper

114 100

63 20.6 16.6 24.8

88 16.0 12.9 19.3





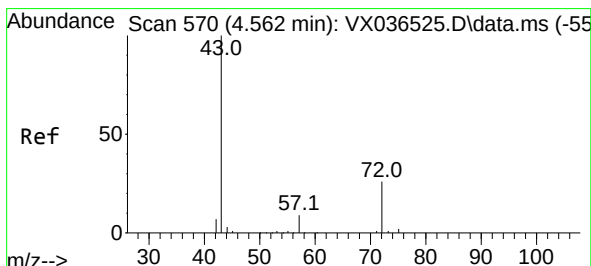
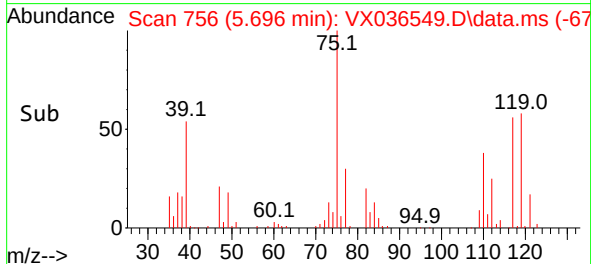
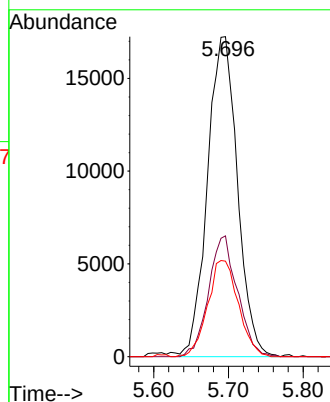
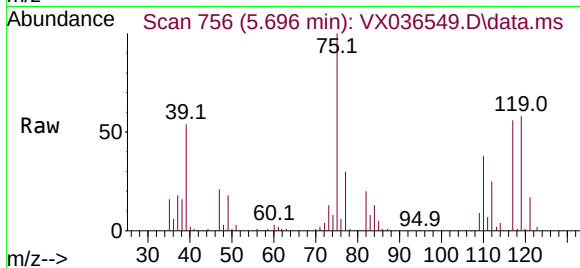
#29
1,1-Dichloropropene
Concen: 17.933 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion: 75	Resp: 48090
Ion Ratio	Lower Upper
75 100	
110 36.5	0.0 70.4
77 30.7	0.0 62.8

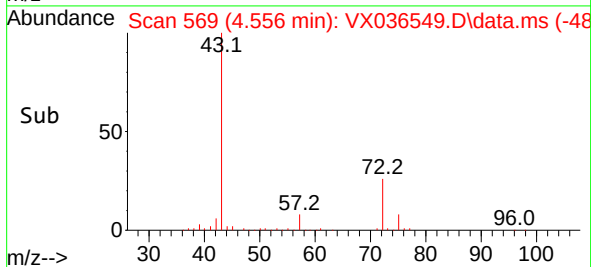
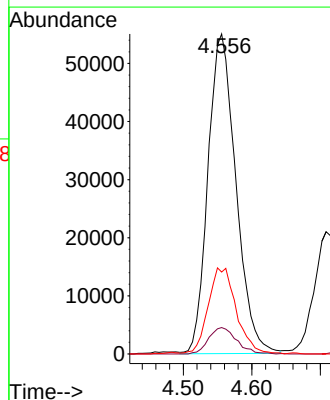
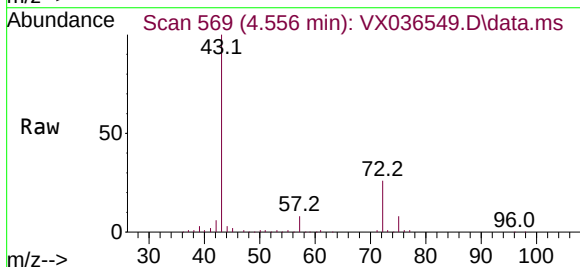
Manual Integrations
APPROVED

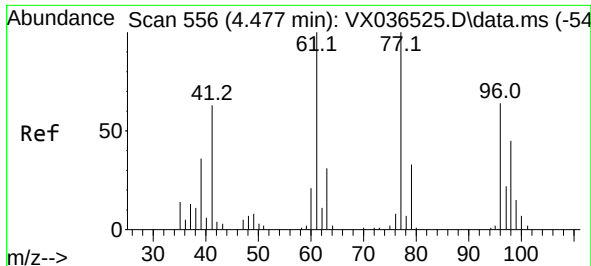
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#30
2-Butanone
Concen: 92.219 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

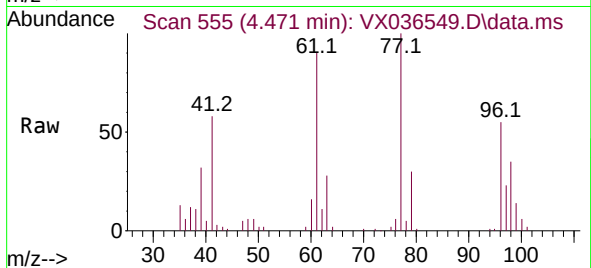
Tgt Ion: 43	Resp: 155730
Ion Ratio	Lower Upper
43 100	
57 8.2	6.4 9.6
72 27.1	21.6 32.4





#31
2,2-Dichloropropane
Concen: 18.237 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

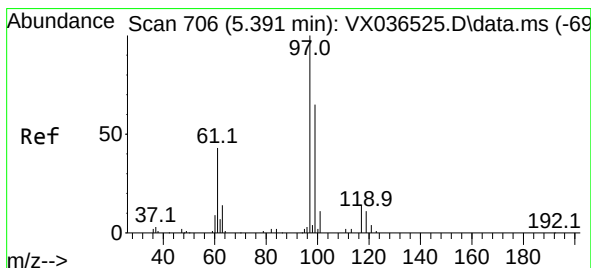
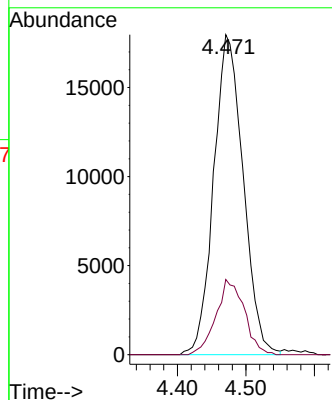
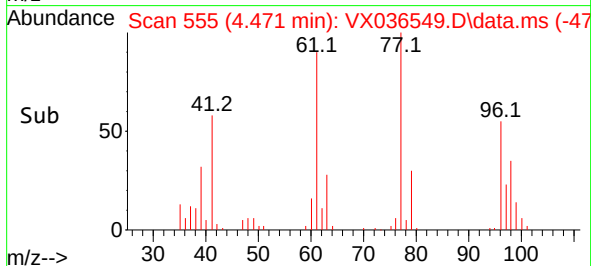
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 77 Resp: 5363
Ion Ratio Lower Upper
77 100
97 22.5 18.6 27.8

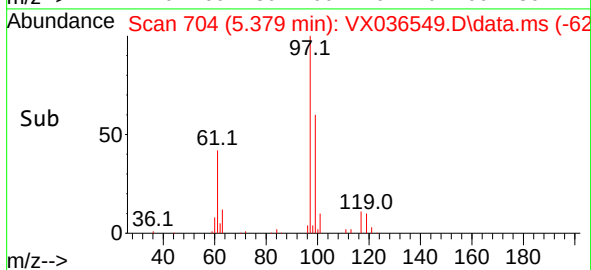
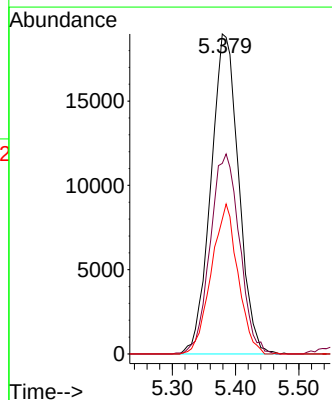
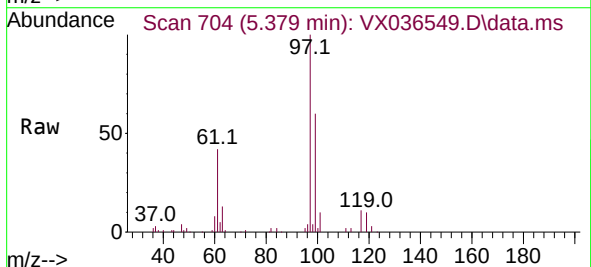
Manual Integrations
APPROVED

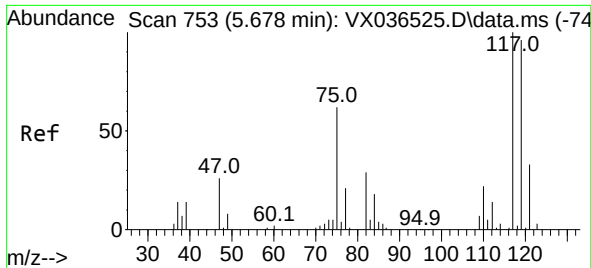
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 18.167 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 97 Resp: 57895
Ion Ratio Lower Upper
97 100
99 65.9 51.5 77.3
61 44.8 35.8 53.8





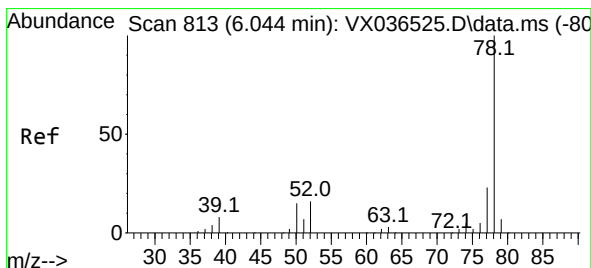
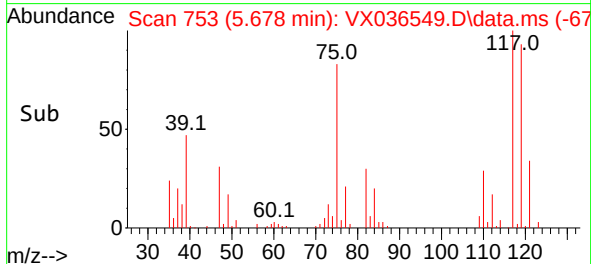
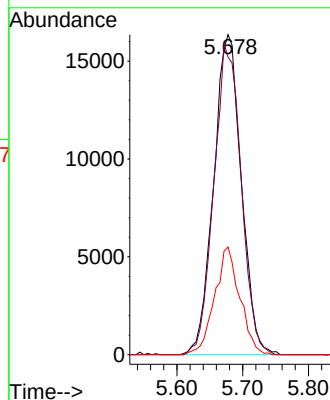
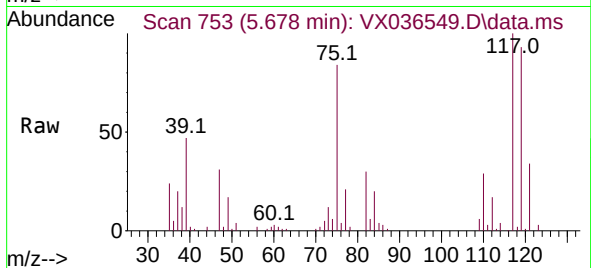
#33
Carbon Tetrachloride
Concen: 17.590 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion:117 Resp: 47824
Ion Ratio Lower Upper
117 100
119 93.0 76.6 115.0
121 33.7 26.5 39.7

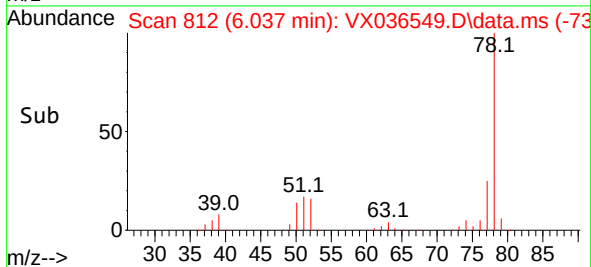
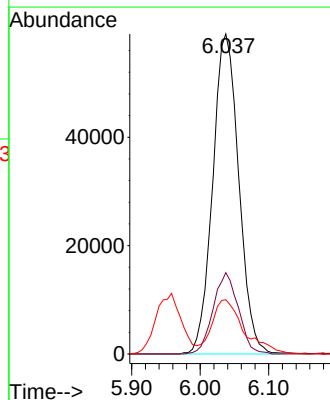
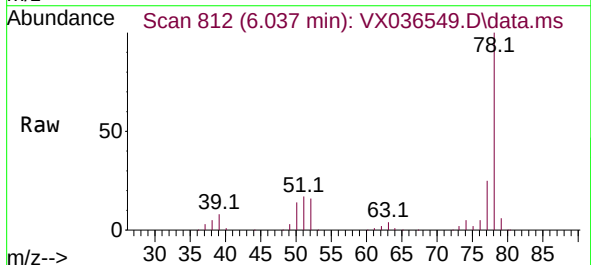
Manual Integrations
APPROVED

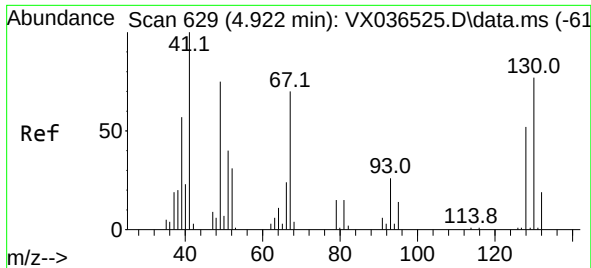
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#34
Benzene
Concen: 18.865 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

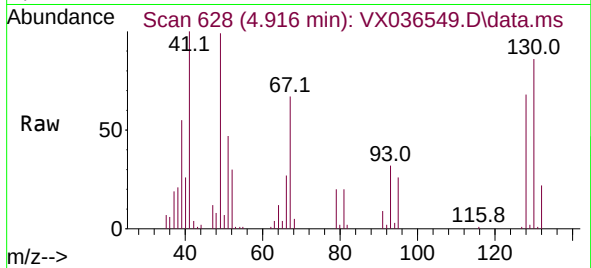
Tgt Ion: 78 Resp: 155956
Ion Ratio Lower Upper
78 100
77 25.4 18.7 28.1
51 16.0 14.2 21.4





#35
Methacrylonitrile
Concen: 18.499 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

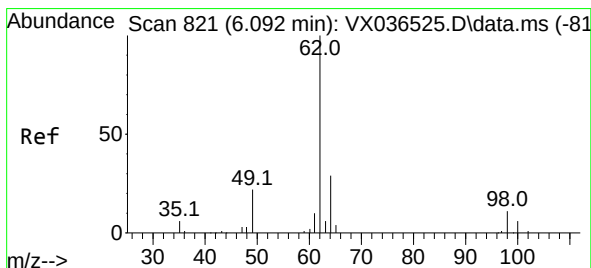
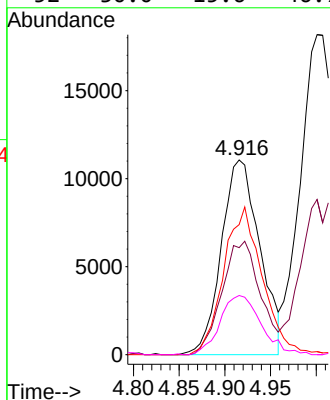
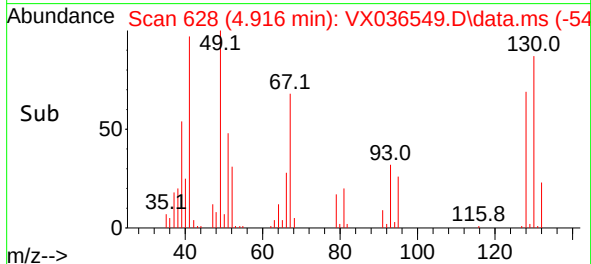
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:	41	Resp:	3241
Ion	Ratio	Lower	Upper
41	100		
39	55.0	28.2	84.7
67	66.8	35.0	105.1
52	30.0	15.6	46.7

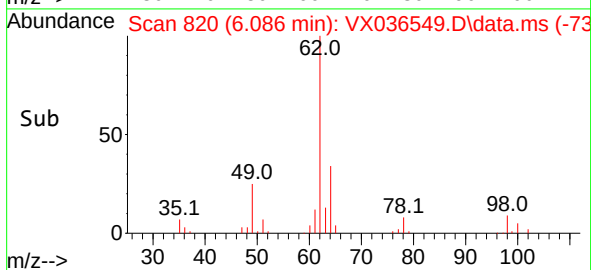
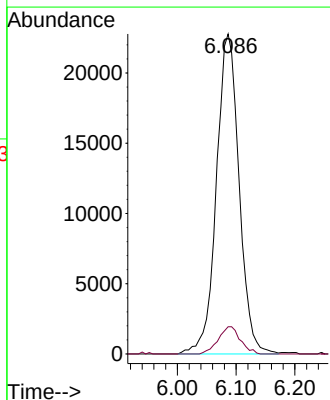
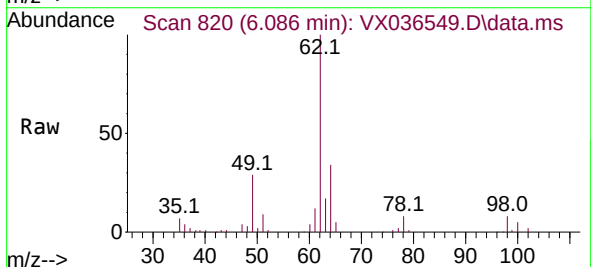
Manual Integrations
APPROVED

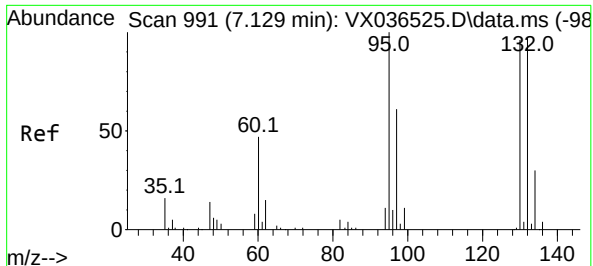
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#36
1,2-Dichloroethane
Concen: 19.263 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion:	62	Resp:	61145
Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.0	10.6





#37

Trichloroethene

Concen: 17.673 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion:130 Resp: 3845

Ion Ratio Lower Upper

130 100

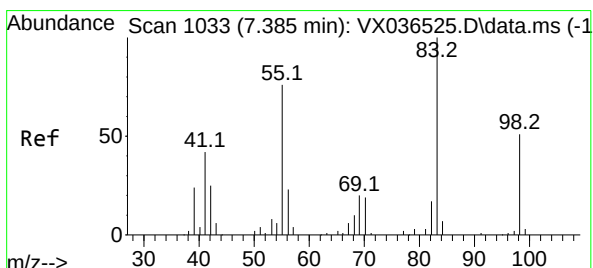
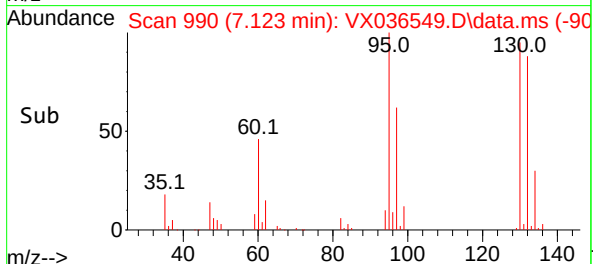
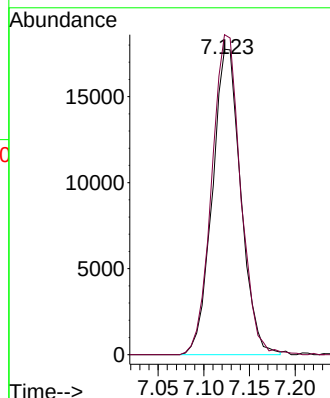
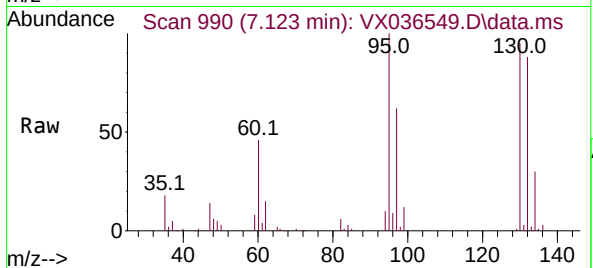
95 104.8 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#38

Methylcyclohexane

Concen: 17.075 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

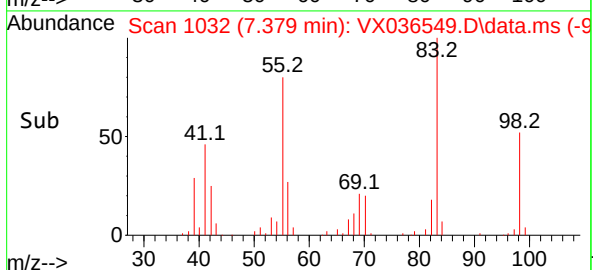
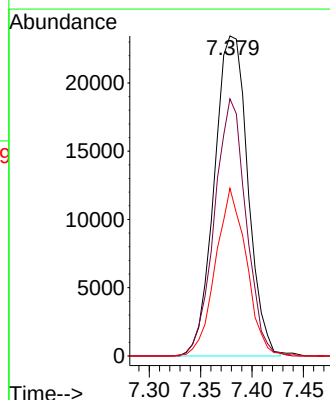
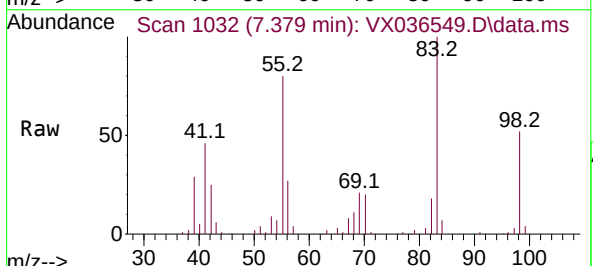
Tgt Ion: 83 Resp: 53276

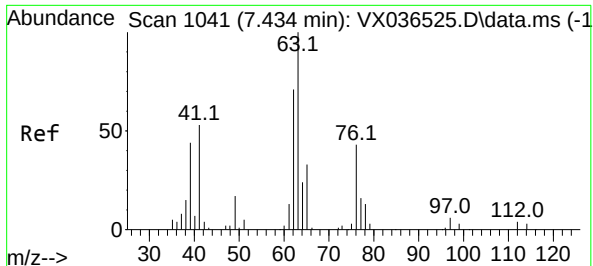
Ion Ratio Lower Upper

83 100

55 75.6 38.1 114.5

98 48.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.280 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 63 Resp: 43204

Ion Ratio Lower Upper

63 100

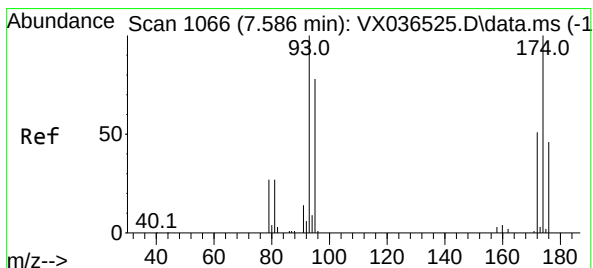
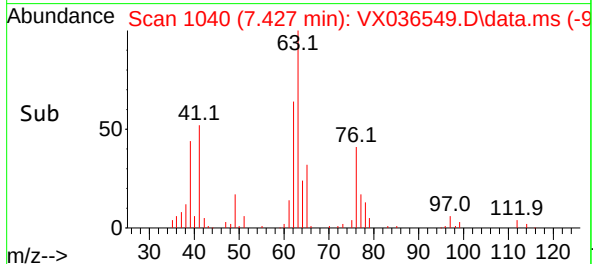
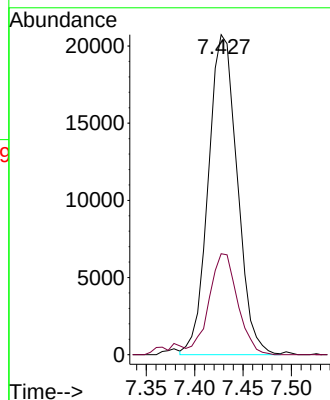
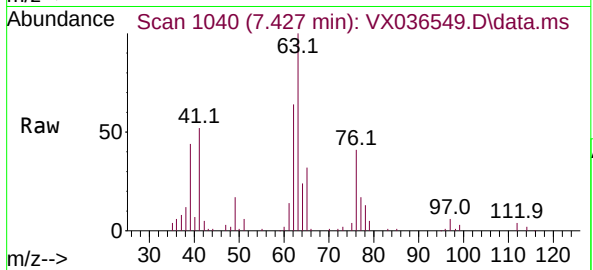
65 31.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#40

Dibromomethane

Concen: 19.086 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

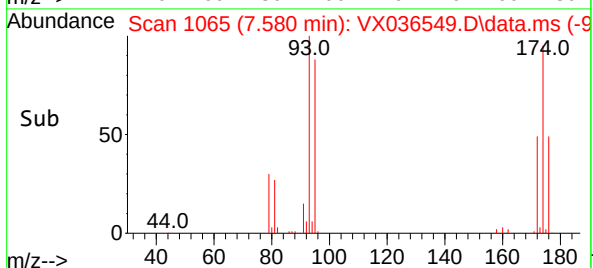
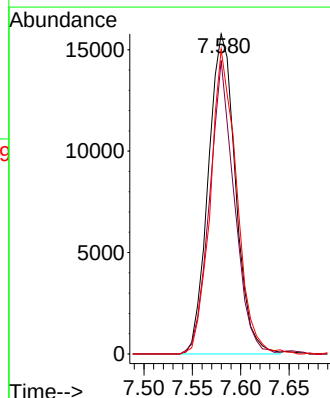
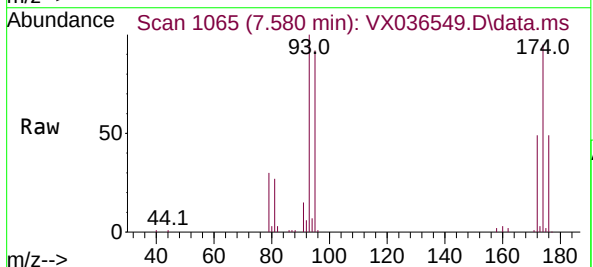
Tgt Ion: 93 Resp: 30979

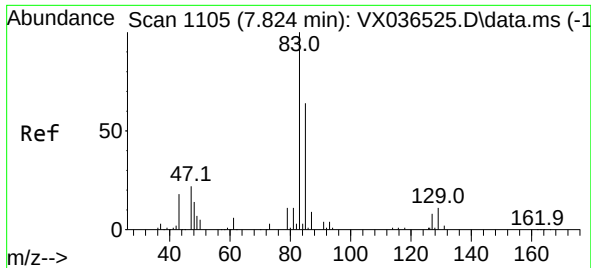
Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.8

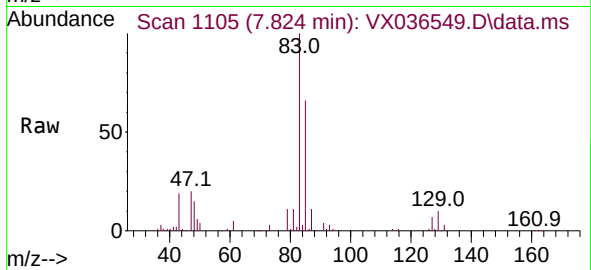
174 90.8 0.0 191.6





#41
Bromodichloromethane
Concen: 19.040 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

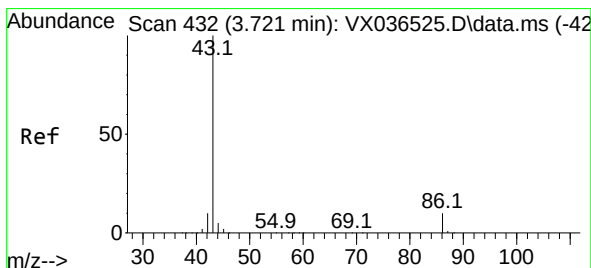
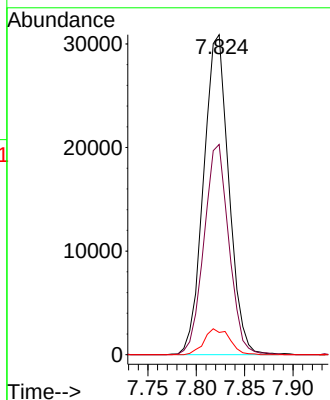
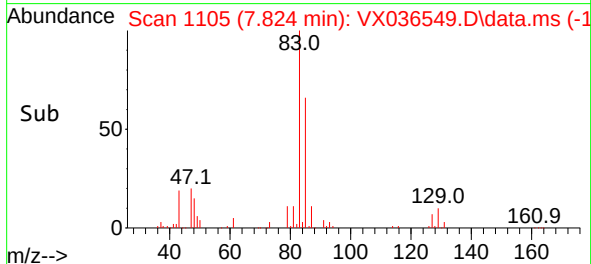
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 83 Resp: 56090
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3
127 7.0 6.4 9.6

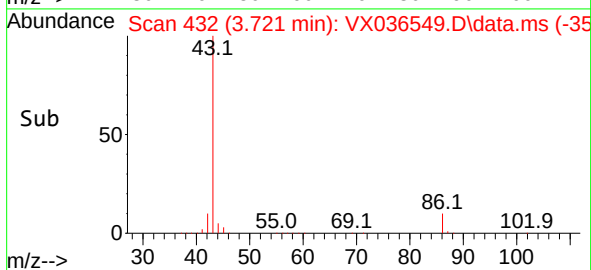
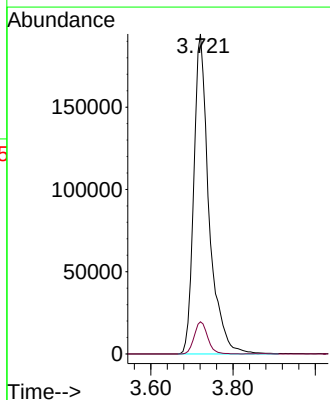
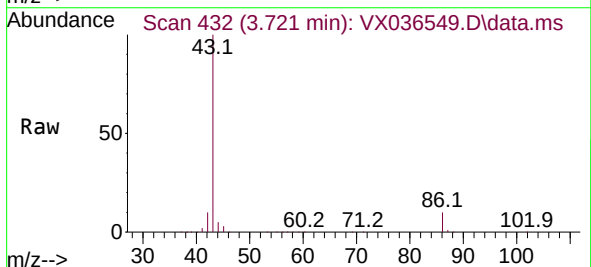
Manual Integrations
APPROVED

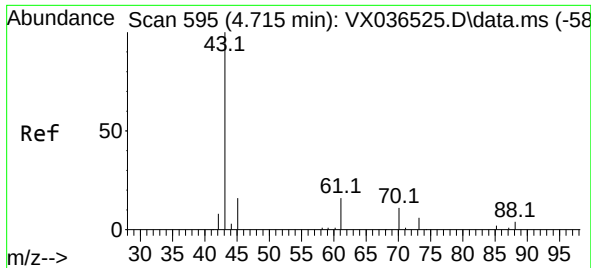
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#42
Vinyl Acetate
Concen: 97.709 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 43 Resp: 498387
Ion Ratio Lower Upper
43 100
86 8.9 7.4 11.0





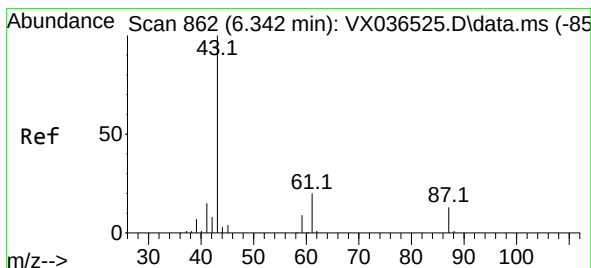
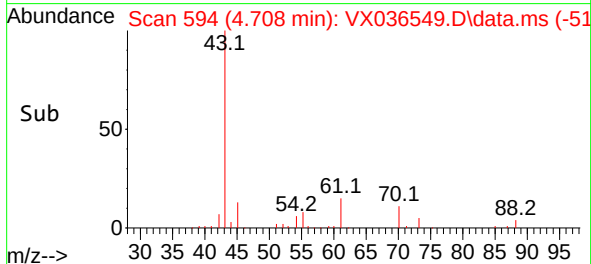
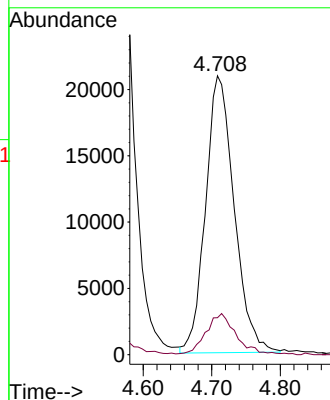
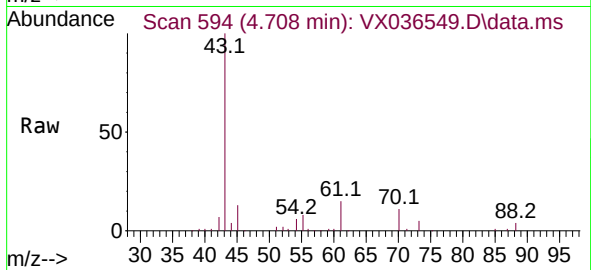
#43
Ethyl Acetate
Concen: 18.468 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion: 43 Resp: 6070
Ion Ratio Lower Upper
43 100
45 13.9 12.6 18.8

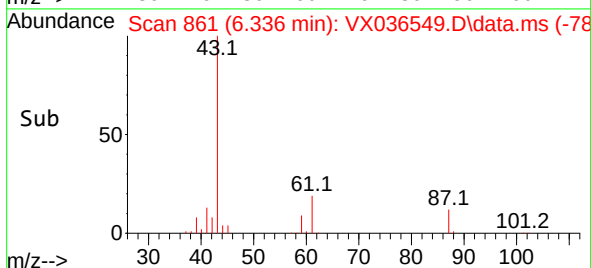
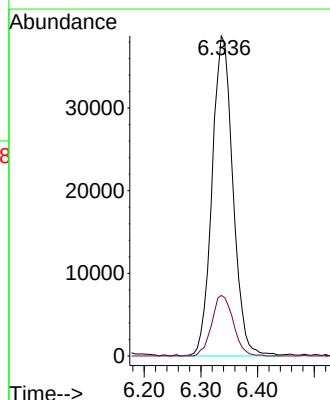
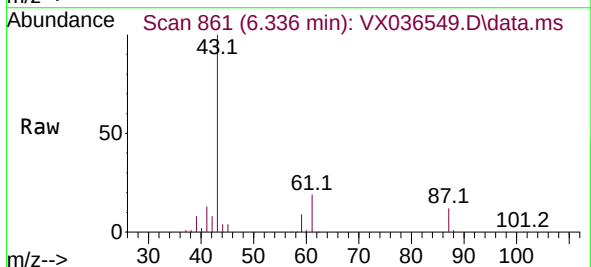
Manual Integrations
APPROVED

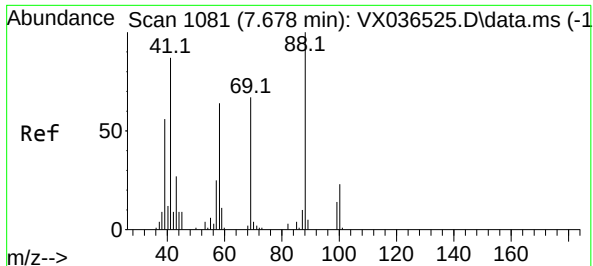
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#44
Isopropyl Acetate
Concen: 18.898 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 43 Resp: 99065
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0





#45

1,4-Dioxane

Concen: 381.842 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 88 Resp: 2272

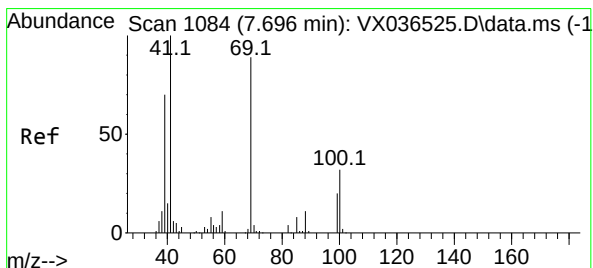
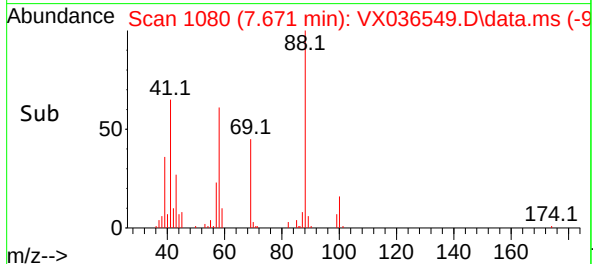
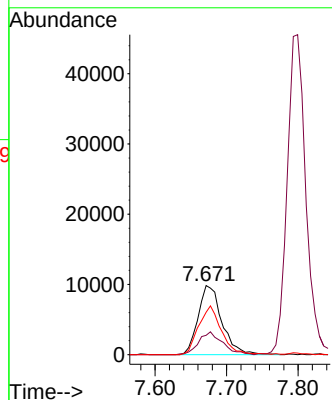
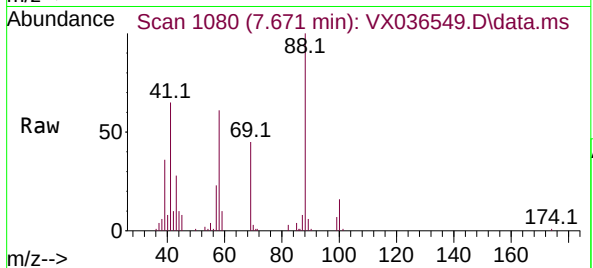
Ion	Ratio	Lower	Upper
88	100		
43	33.1	297.5	446.3
58	67.7	1.0	1.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#46

Methyl methacrylate

Concen: 19.427 ug/l

RT: 7.690 min Scan# 1083

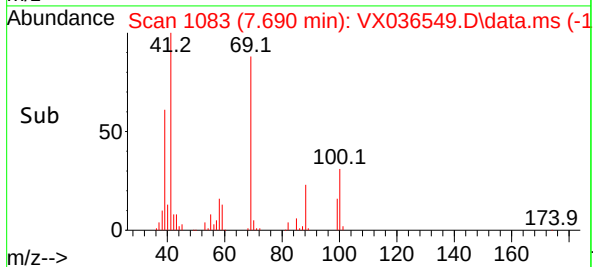
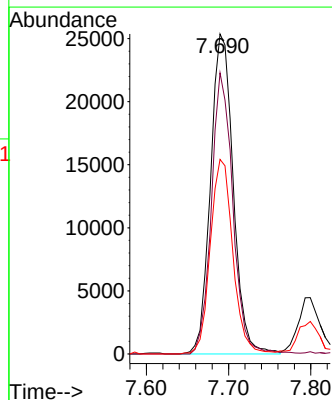
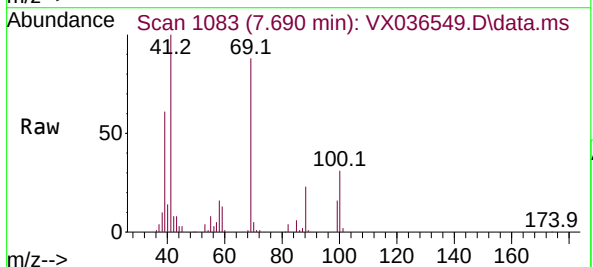
Delta R.T. -0.006 min

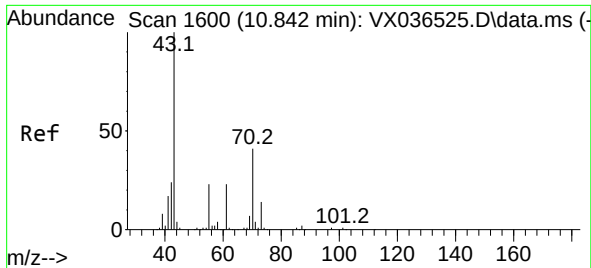
Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion: 41 Resp: 48673

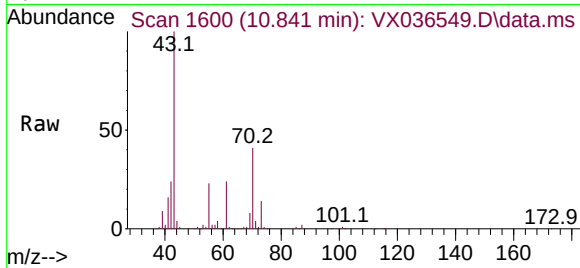
Ion	Ratio	Lower	Upper
41	100		
69	87.9	44.4	133.1
39	60.8	34.9	104.7





#47
n-amy1 Acetate
Concen: 18.966 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

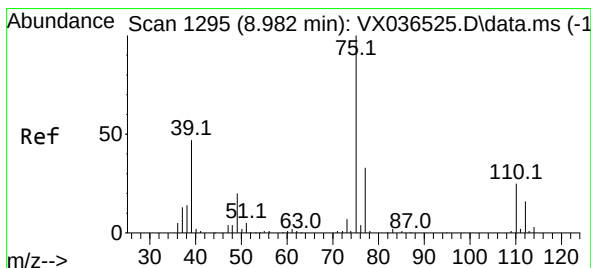
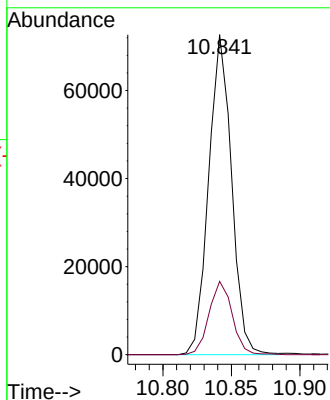
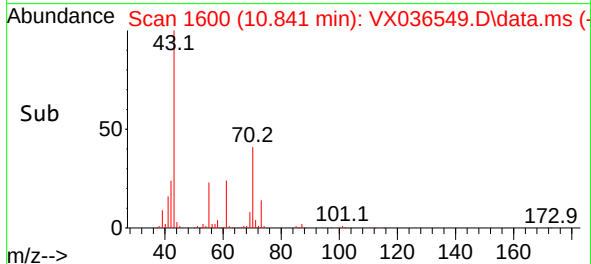
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 43 Resp: 8433
Ion Ratio Lower Upper
43 100
55 23.2 18.6 28.0

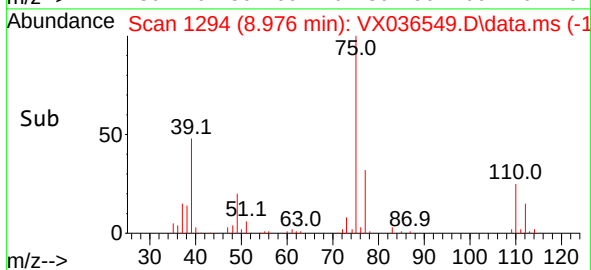
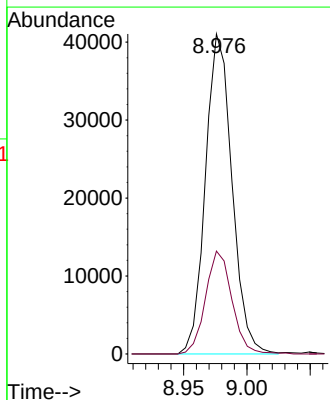
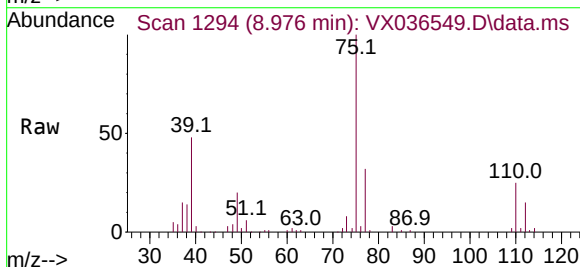
Manual Integrations
APPROVED

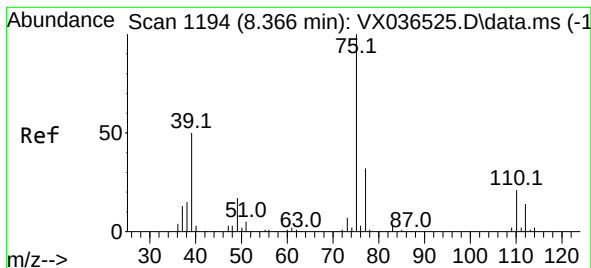
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#48
t-1,3-Dichloropropene
Concen: 18.545 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 75 Resp: 59920
Ion Ratio Lower Upper
75 100
77 32.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.776 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 75 Resp: 6553

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

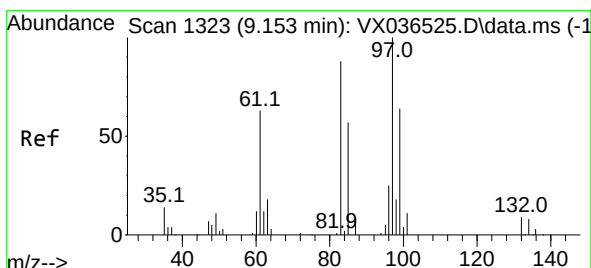
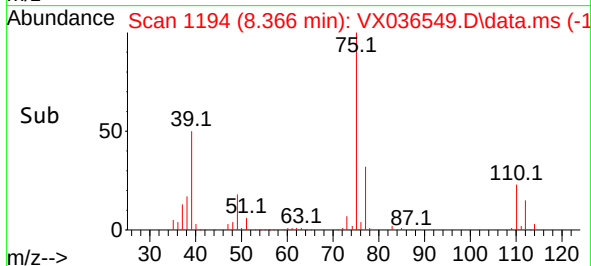
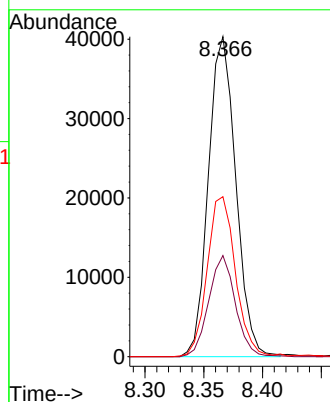
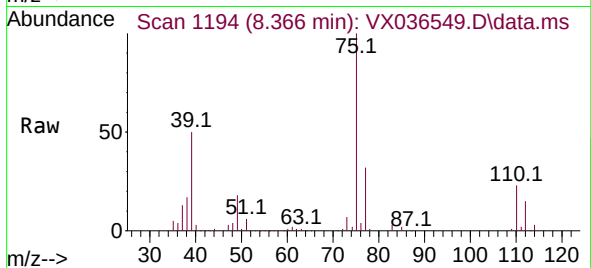
39 49.8 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#50

1,1,2-Trichloroethane

Concen: 19.619 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion: 97 Resp: 43228

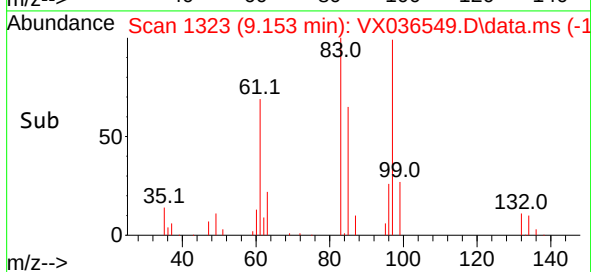
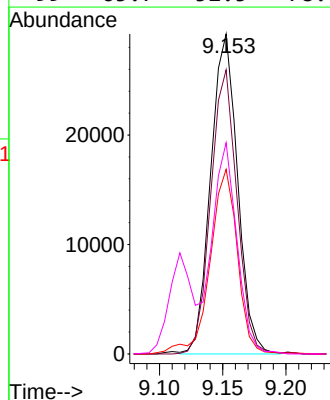
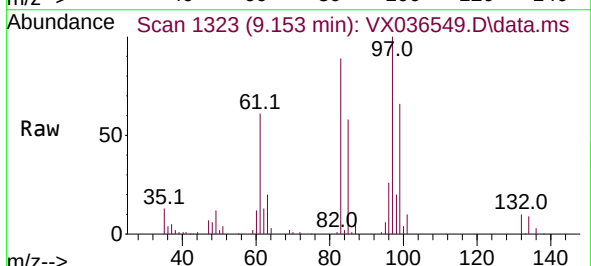
Ion Ratio Lower Upper

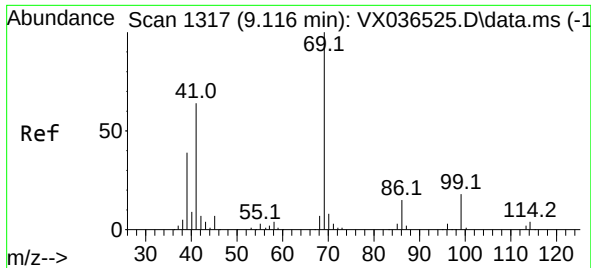
97 100

83 88.9 70.0 105.0

85 57.6 46.1 69.1

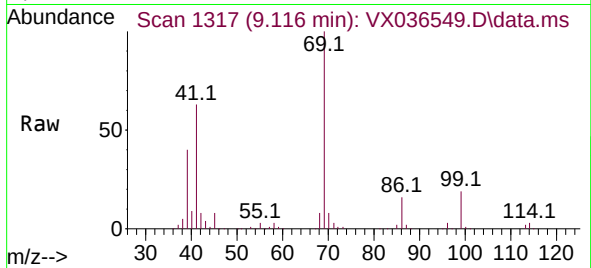
99 65.7 52.5 78.7





#51
Ethyl methacrylate
Concen: 19.054 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

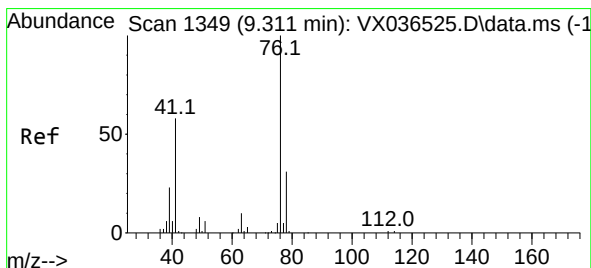
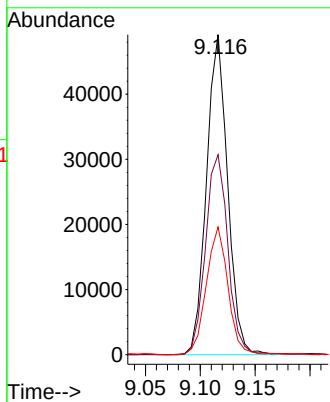
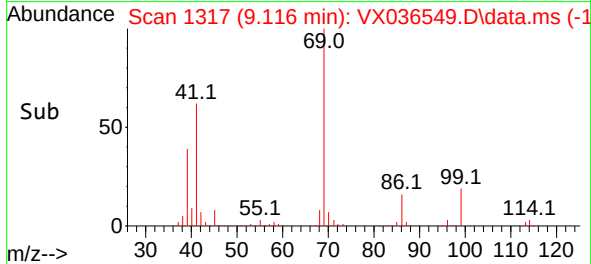
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 69 Resp: 65915
Ion Ratio Lower Upper
69 100
41 62.4 32.0 96.0
39 39.9 19.4 58.4

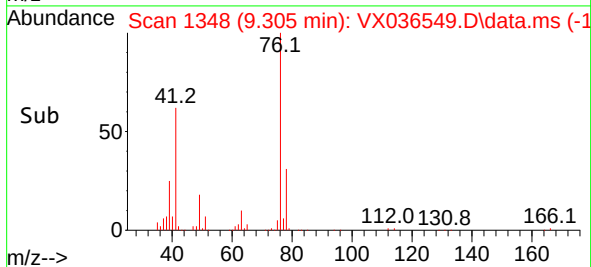
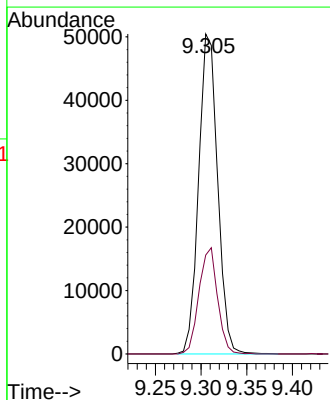
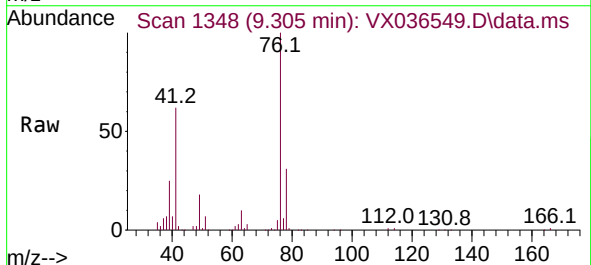
Manual Integrations
APPROVED

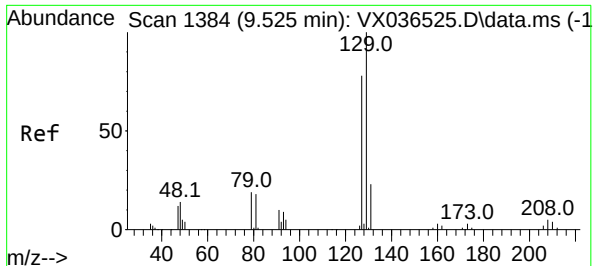
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#52
1,3-Dichloropropane
Concen: 19.562 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

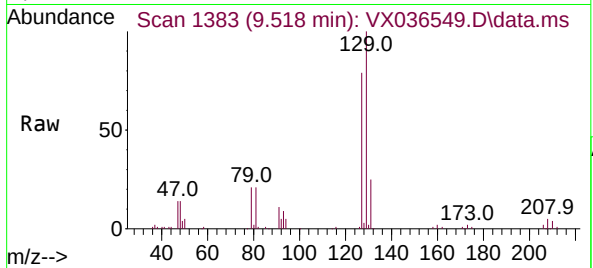
Tgt Ion: 76 Resp: 72740
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.6





#53
Dibromochloromethane
Concen: 18.794 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

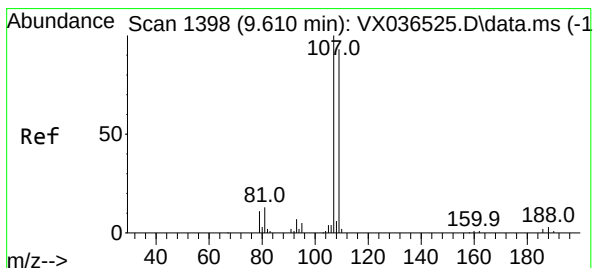
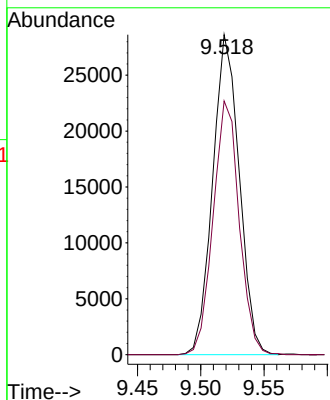
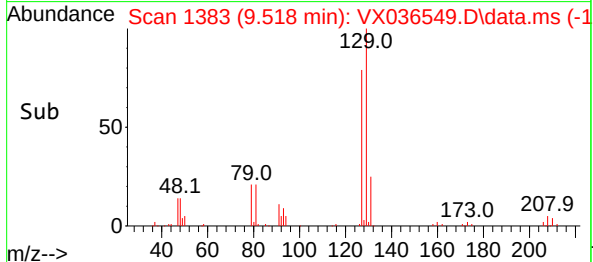
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:129 Resp: 41798
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

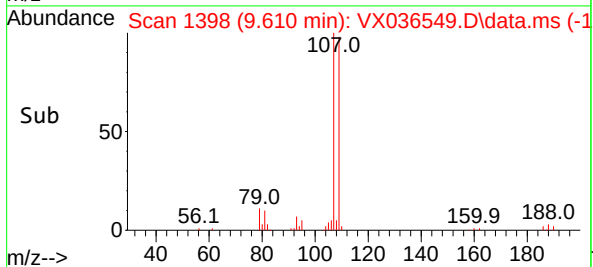
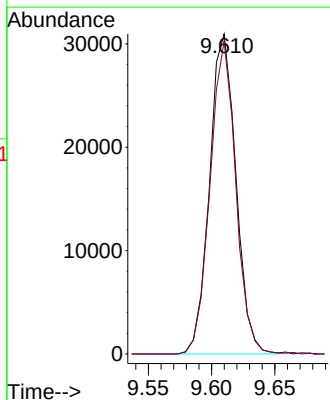
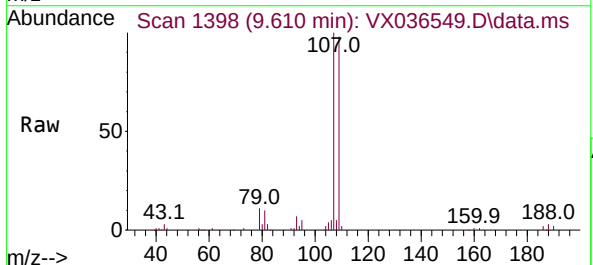
Manual Integrations
APPROVED

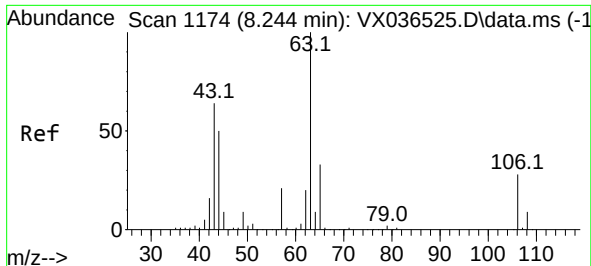
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#54
1,2-Dibromoethane
Concen: 19.366 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion:107 Resp: 44826
Ion Ratio Lower Upper
107 100
109 95.0 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 96.466 ug/l

RT: 8.238 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 63 Resp: 17947

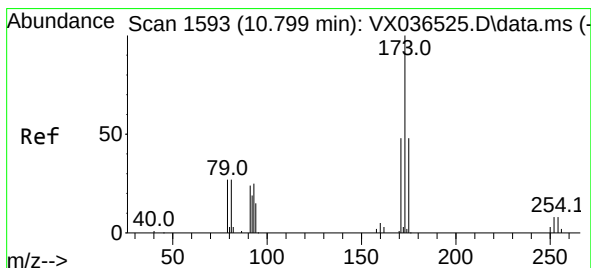
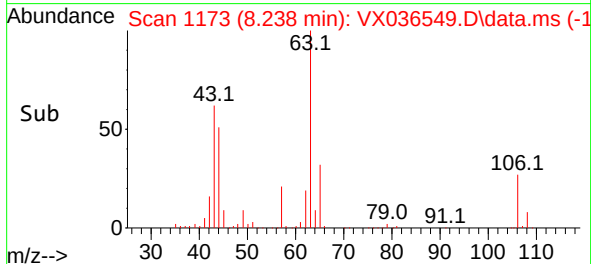
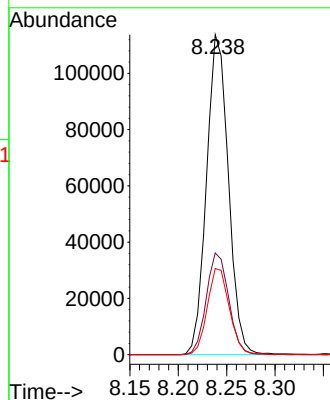
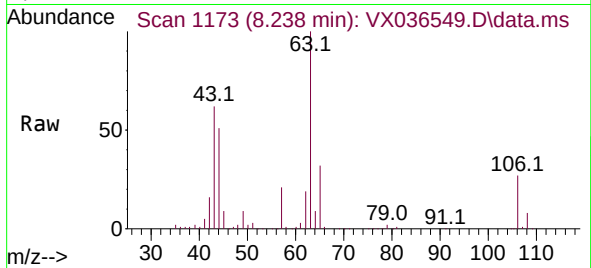
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.9	38.9
106	27.1	21.8	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#56

Bromoform

Concen: 18.384 ug/l

RT: 10.799 min Scan# 1593

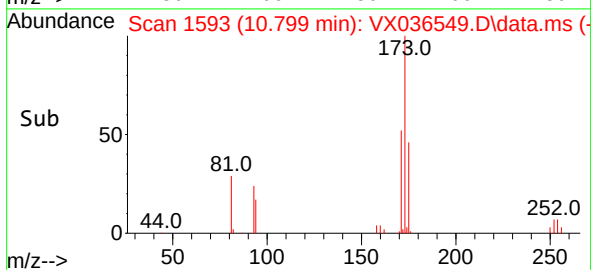
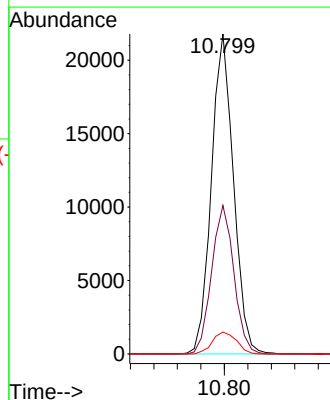
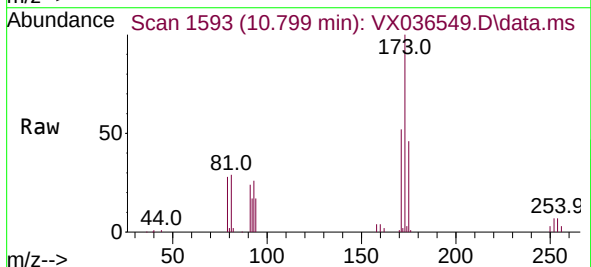
Delta R.T. -0.000 min

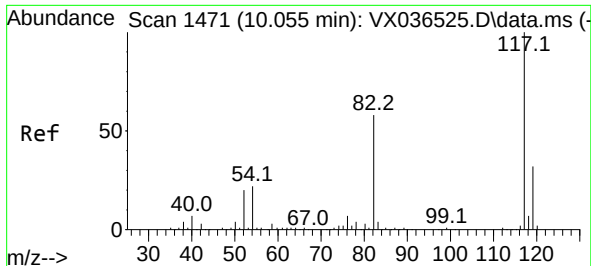
Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion:173 Resp: 28446

Ion	Ratio	Lower	Upper
173	100		
175	46.9	38.1	57.1
254	7.5	6.7	10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion:117 Resp: 164330

Ion Ratio Lower Upper

117 100

82 56.2 44.7 67.1

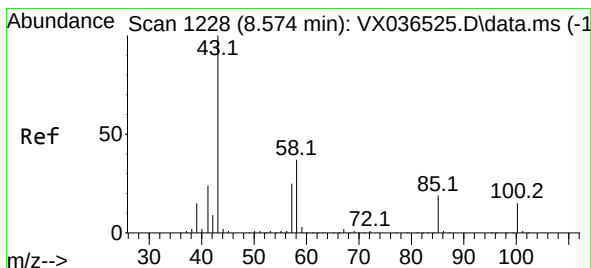
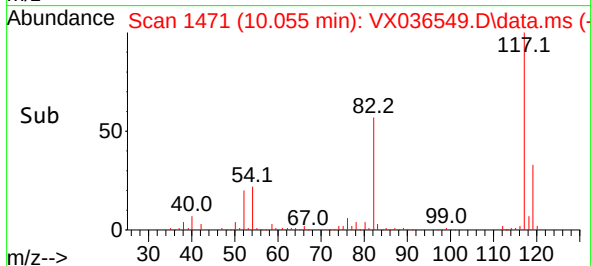
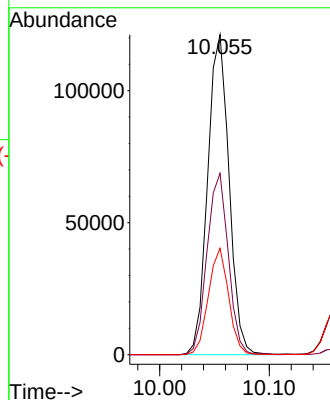
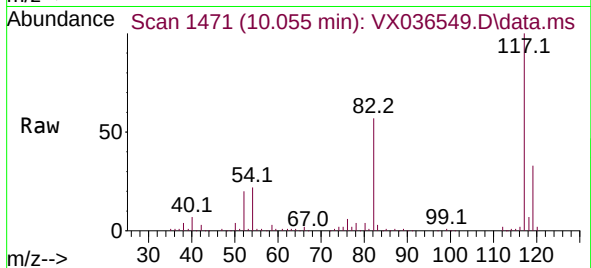
119 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#58

4-Methyl-2-Pentanone

Concen: 92.608 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

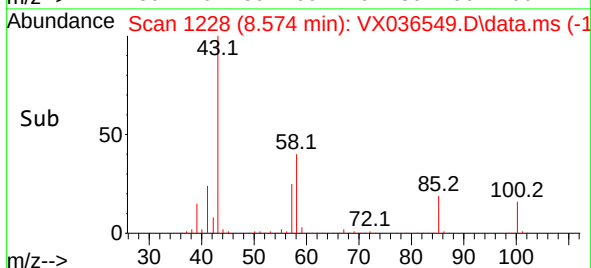
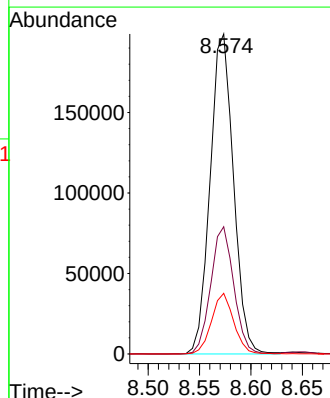
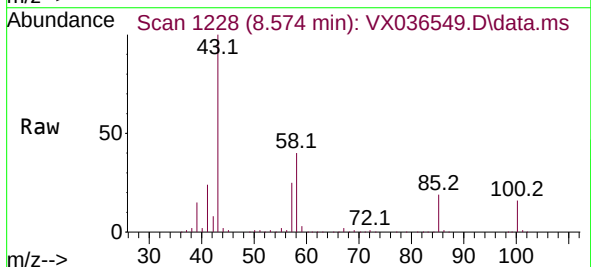
Tgt Ion: 43 Resp: 314703

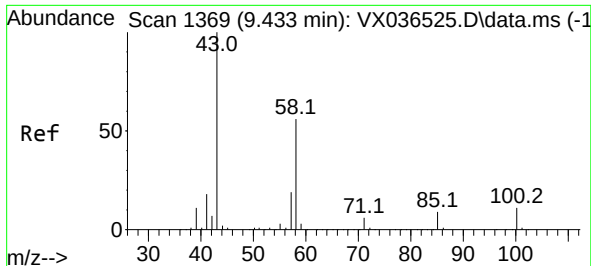
Ion Ratio Lower Upper

43 100

58 39.2 30.9 46.3

85 18.0 14.4 21.6





#59

2-Hexanone

Concen: 92.313 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tgt Ion: 43 Resp: 238654

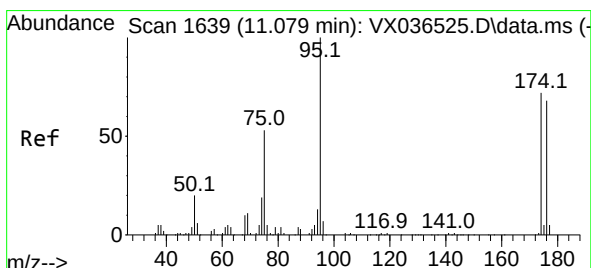
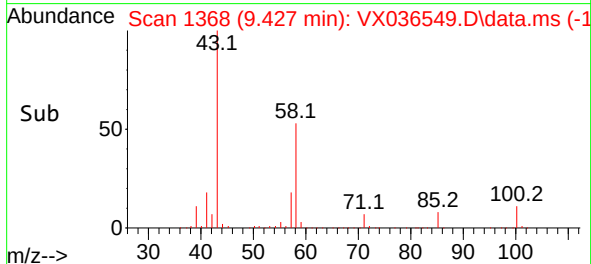
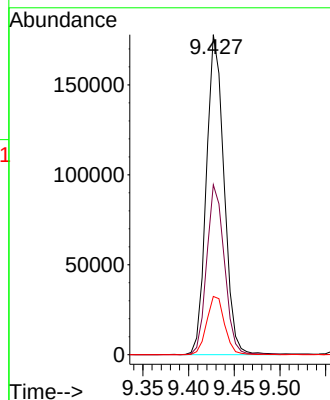
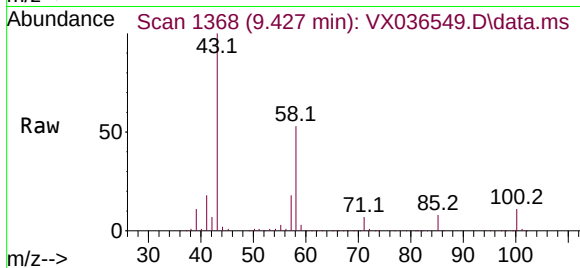
Ion	Ratio	Lower	Upper
43	100		
58	53.0	43.4	65.2
57	18.4	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#60

4-Bromofluorobenzene

Concen: 29.457 ug/l

RT: 11.079 min Scan# 1639

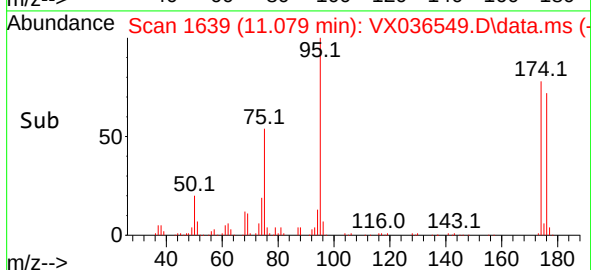
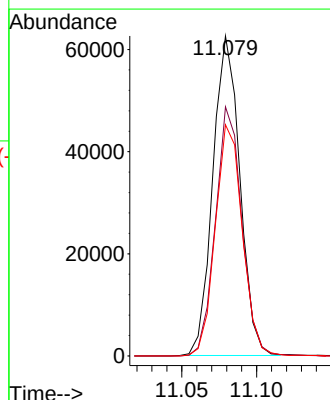
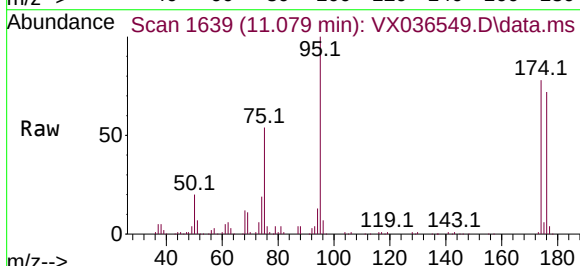
Delta R.T. -0.000 min

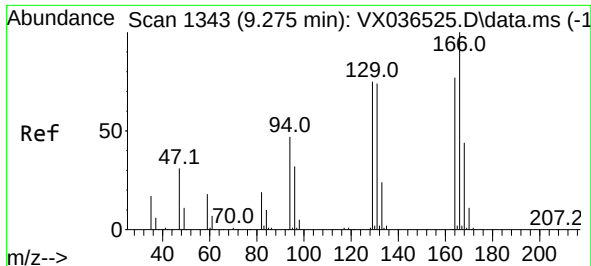
Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion: 95 Resp: 78524

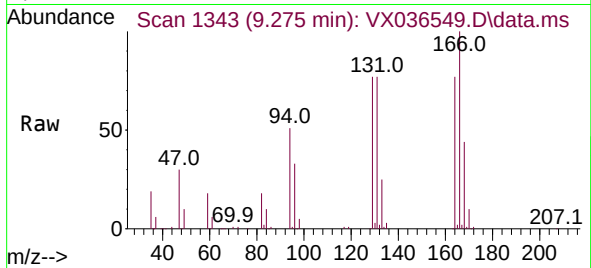
Ion	Ratio	Lower	Upper
95	100		
174	76.3	60.5	90.7
176	72.4	58.2	87.4





#61
Tetrachloroethene
Concen: 17.354 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

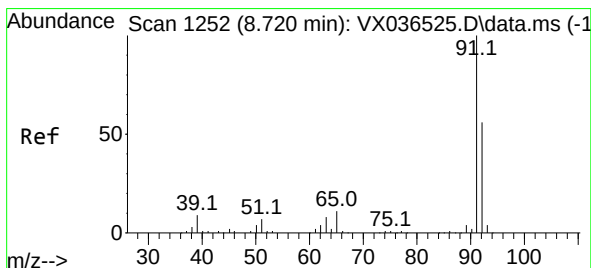
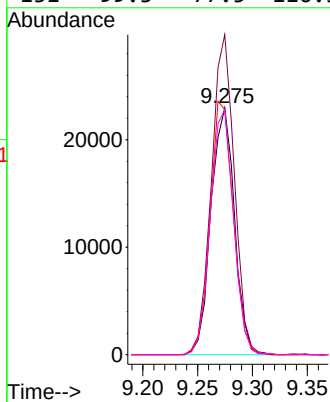
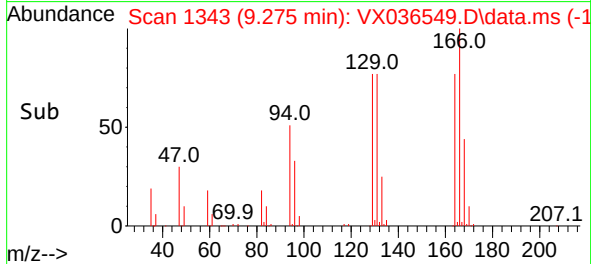
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:164 Resp: 34158
Ion Ratio Lower Upper
164 100
166 129.6 104.5 156.7
129 99.3 78.0 117.0
131 99.3 77.5 116.3

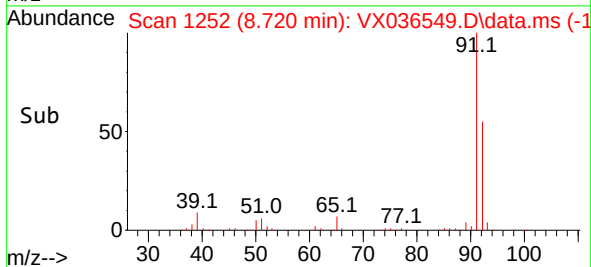
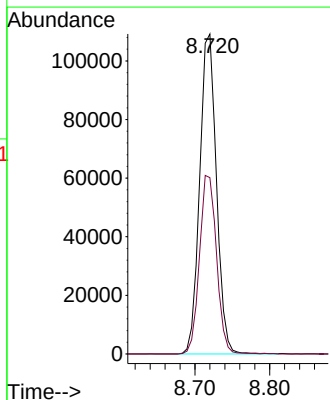
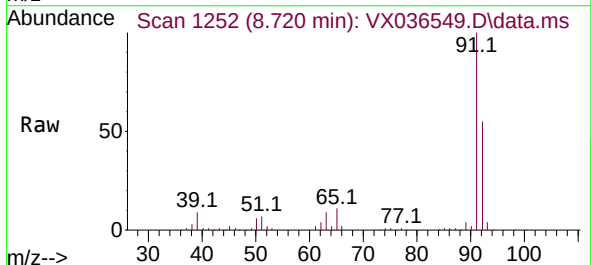
Manual Integrations
APPROVED

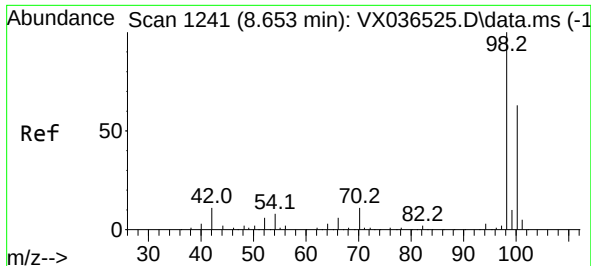
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#62
Toluene
Concen: 18.429 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

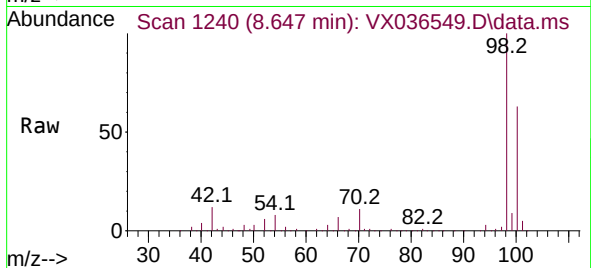
Tgt Ion: 91 Resp: 169930
Ion Ratio Lower Upper
91 100
92 56.7 44.9 67.3





#63
Toluene-d8
Concen: 29.479 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

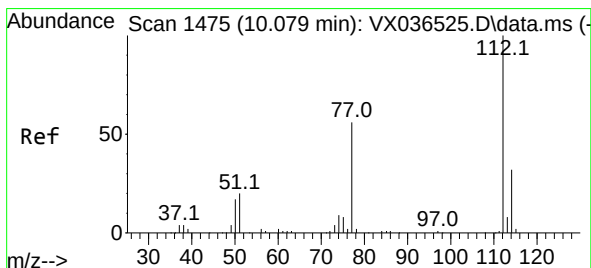
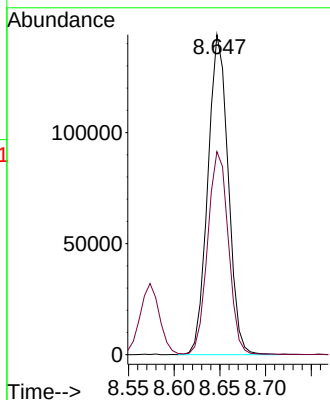
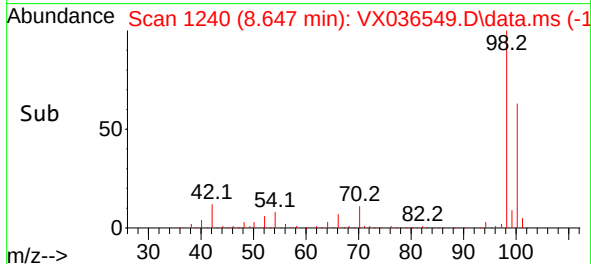
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 98 Resp: 222923
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

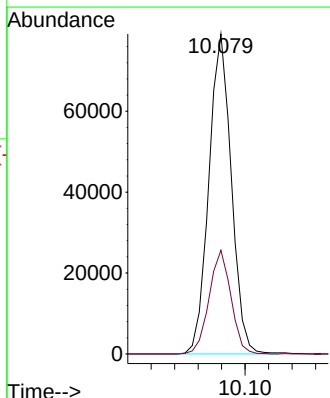
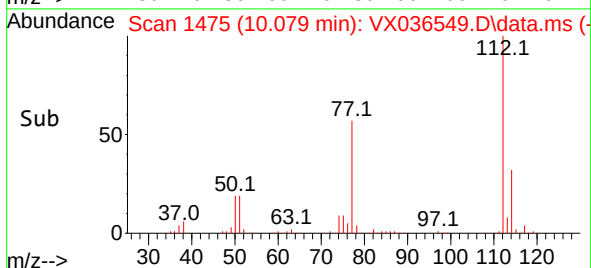
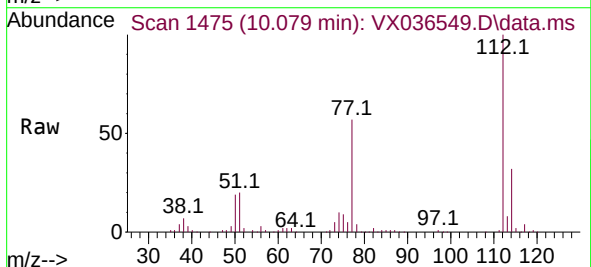
Manual Integrations
APPROVED

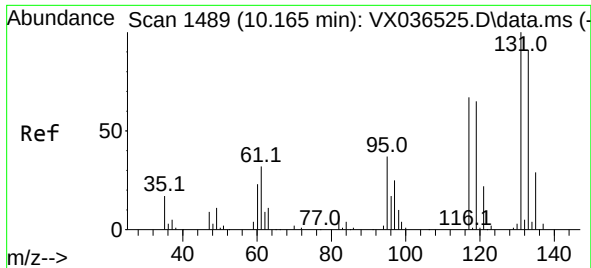
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#64
Chlorobenzene
Concen: 18.321 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

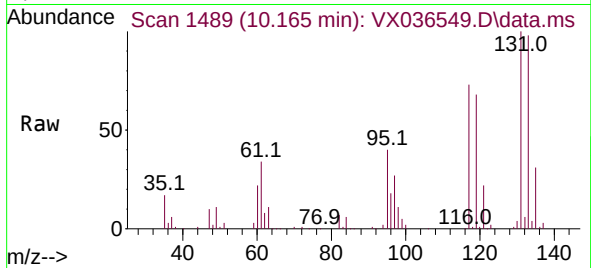
Tgt Ion:112 Resp: 105172
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.372 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

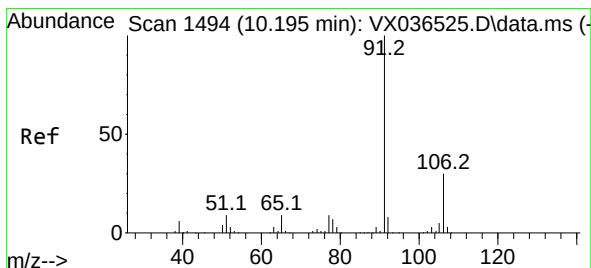
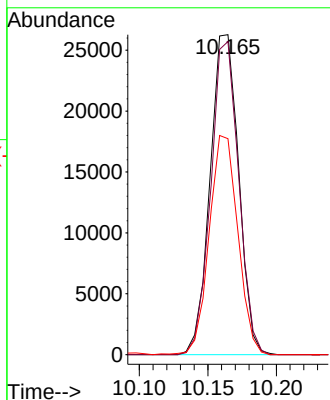
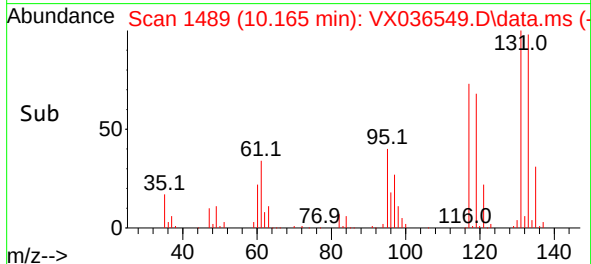
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:131 Resp: 3808
Ion Ratio Lower Upper
131 100
133 95.6 0.0 192.0
119 68.8 0.0 132.8

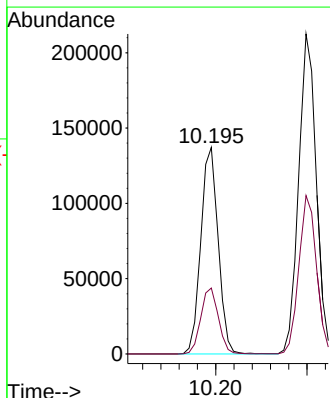
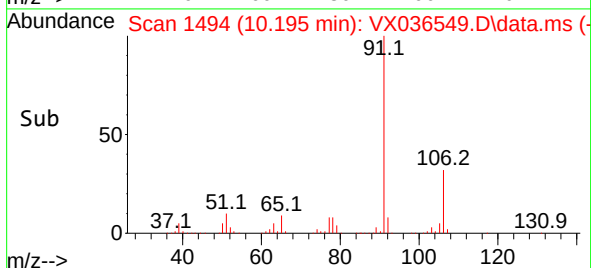
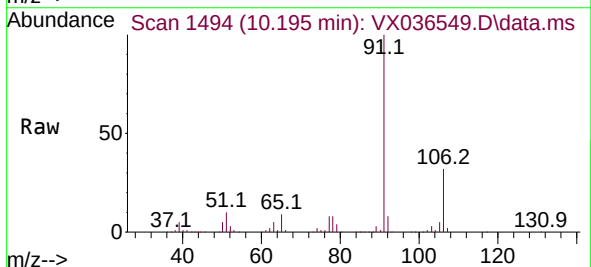
Manual Integrations
APPROVED

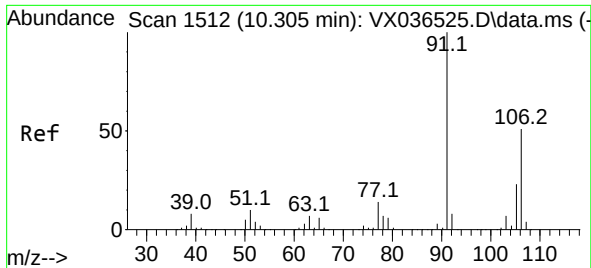
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#66
Ethyl Benzene
Concen: 18.044 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion: 91 Resp: 180816
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4





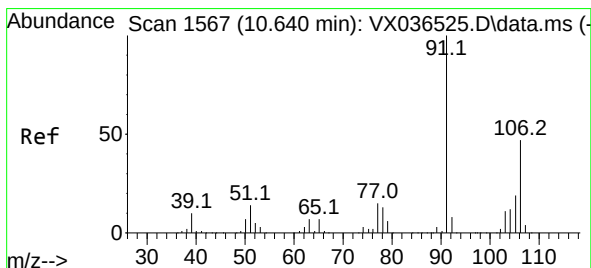
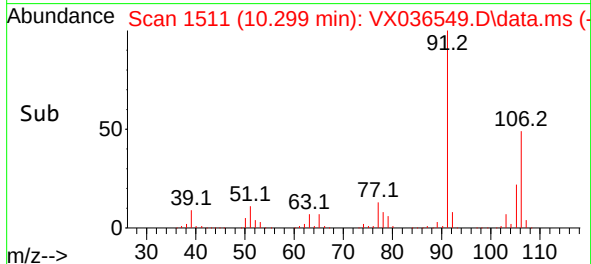
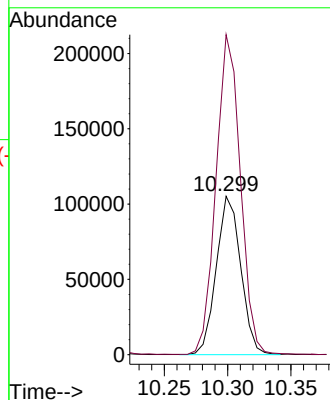
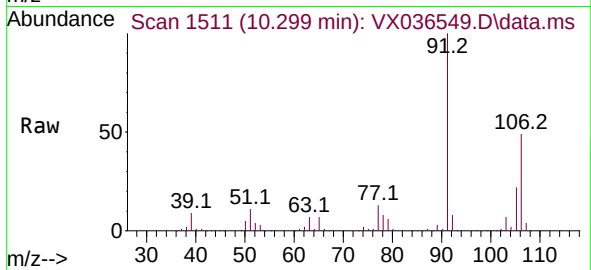
#67
m/p-Xylenes
Concen: 36.185 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion:106 Resp: 14136
Ion Ratio Lower Upper
106 100
91 201.7 160.5 240.7

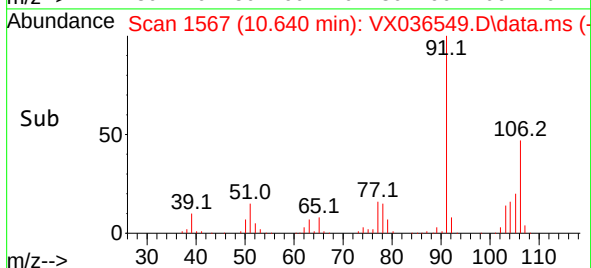
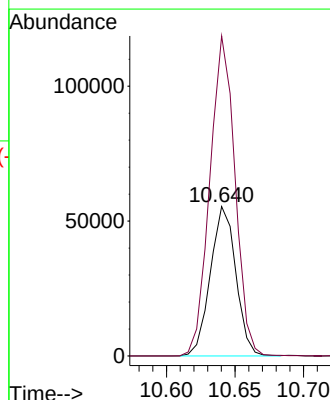
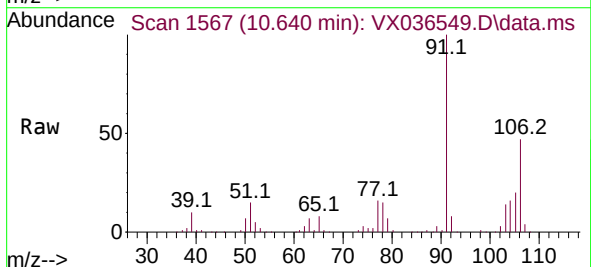
Manual Integrations
APPROVED

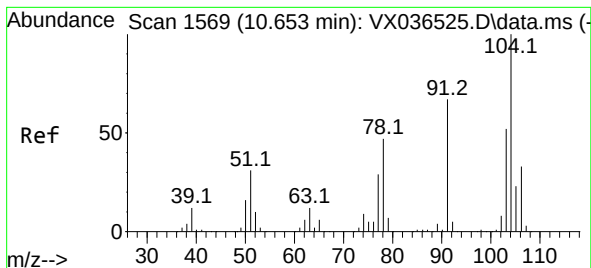
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#68
o-Xylene
Concen: 18.499 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Tgt Ion:106 Resp: 71723
Ion Ratio Lower Upper
106 100
91 211.0 105.4 316.1





#69

Styrene

Concen: 18.369 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

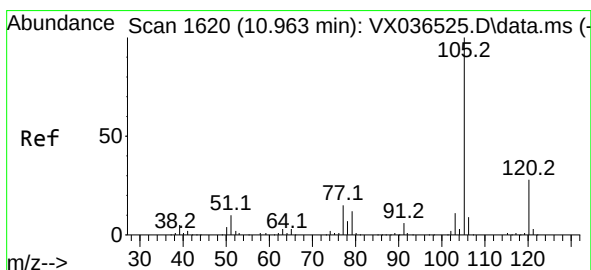
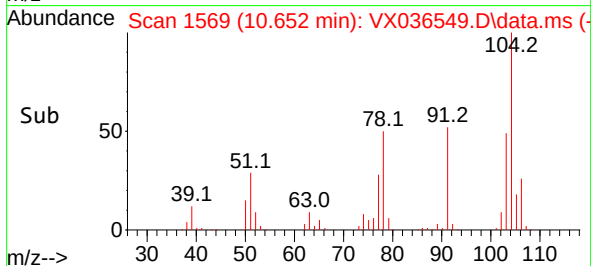
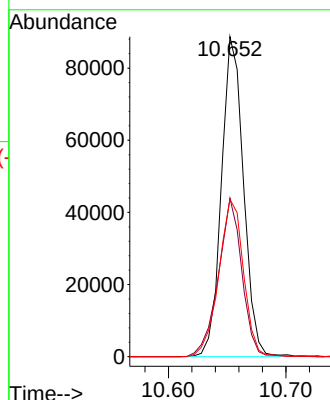
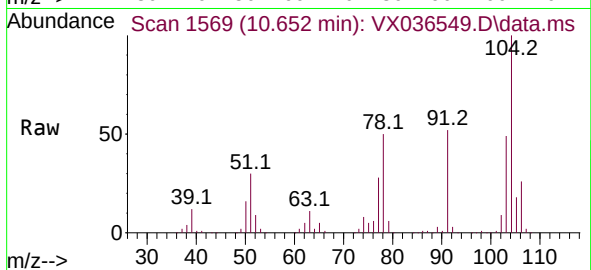
Tgt Ion:104 Resp: 115479
 Ion Ratio Lower Upper
 104 100
 78 52.9 41.0 61.4
 103 55.3 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#70

Isopropylbenzene

Concen: 18.160 ug/l

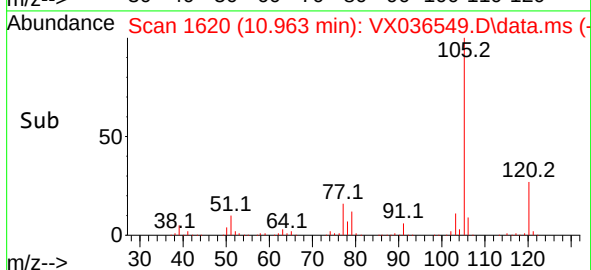
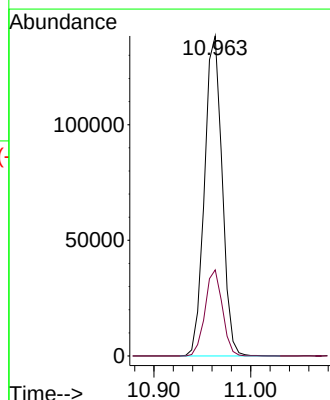
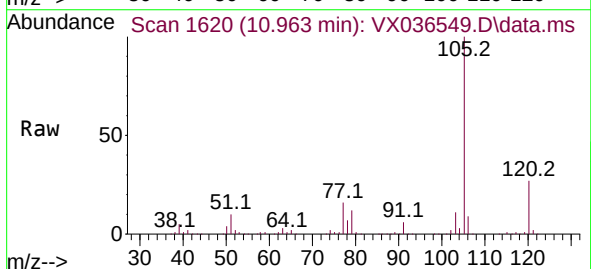
RT: 10.963 min Scan# 1620

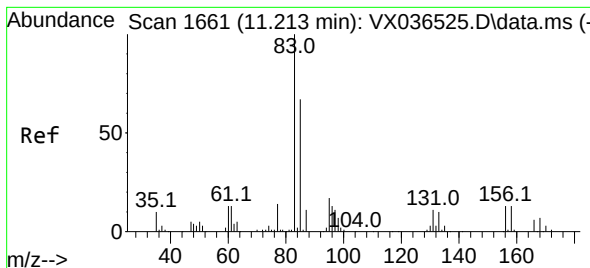
Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

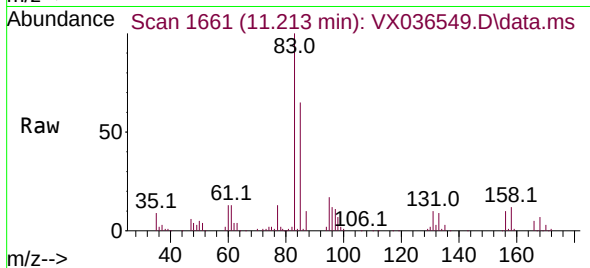
Tgt Ion:105 Resp: 175364
 Ion Ratio Lower Upper
 105 100
 120 26.4 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.020 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

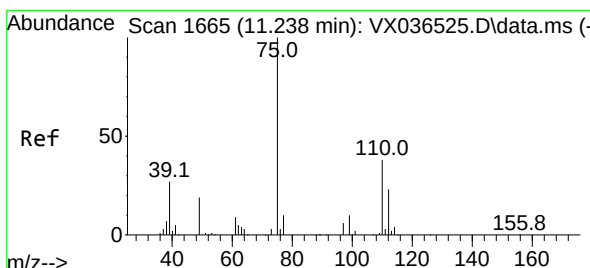
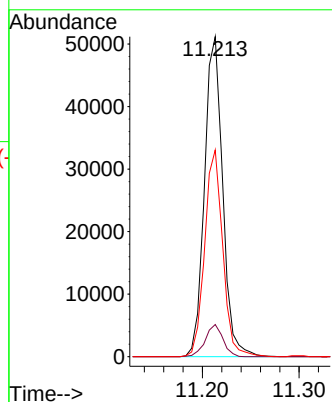
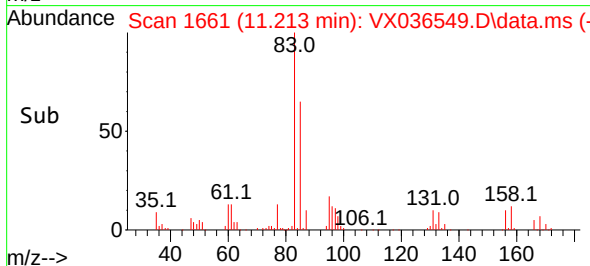
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



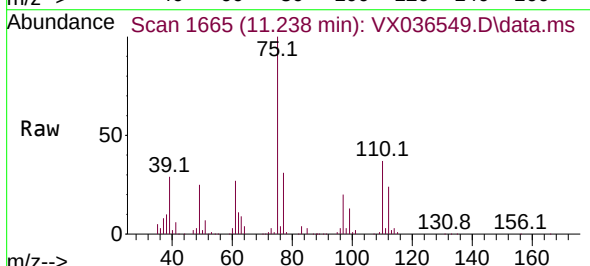
Tgt Ion: 83 Resp: 67038
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.1 32.4 97.0

Manual Integrations
APPROVED

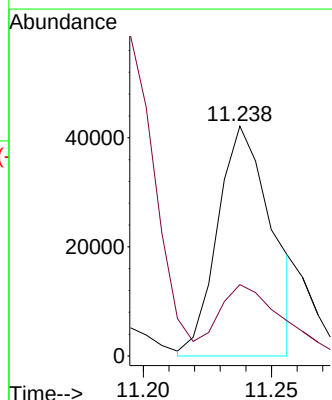
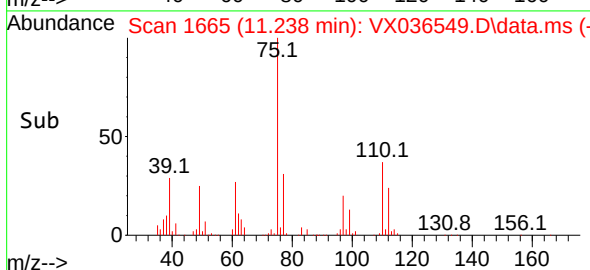
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

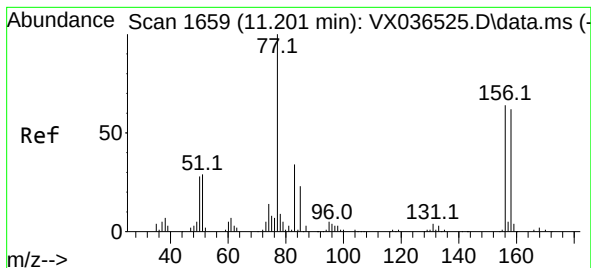


#72
1,2,3-Trichloropropane
Concen: 18.876 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion: 75 Resp: 61651
Ion Ratio Lower Upper
75 100
77 36.7 0.0 77.2





#73

Bromobenzene

Concen: 18.277 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

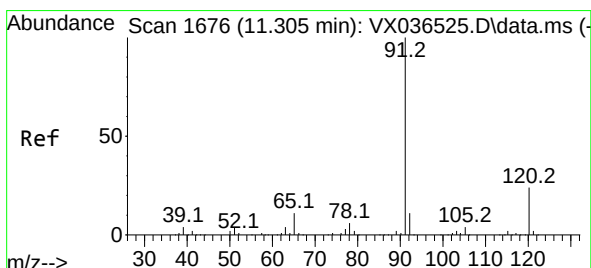
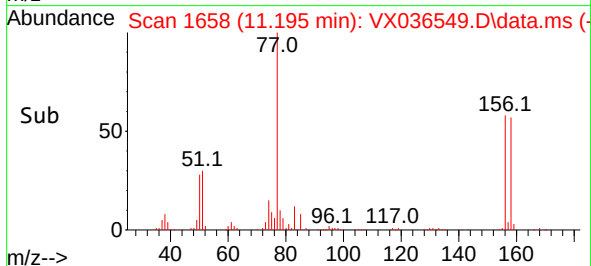
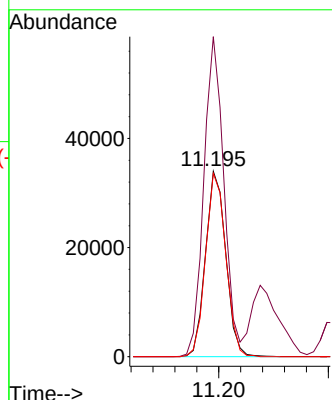
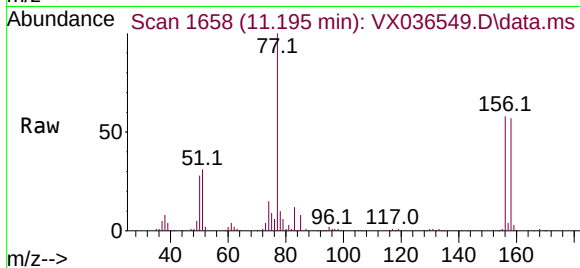
Tgt Ion:	156	Resp:	43628
Ion Ratio	Lower	Upper	
156	100		
77	169.6	0.0	333.0
158	98.7	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#74

n-propylbenzene

Concen: 17.897 ug/l

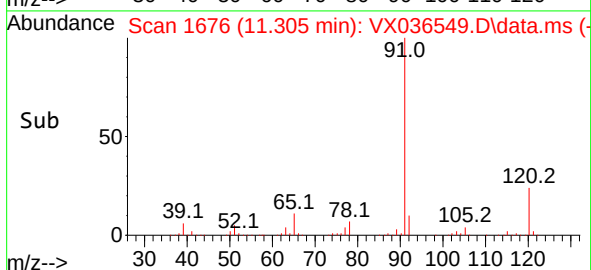
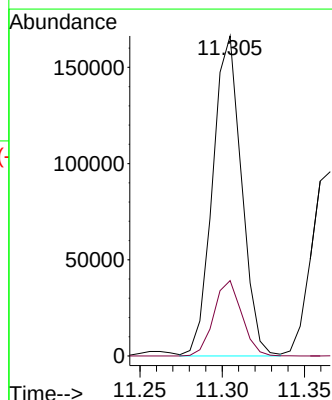
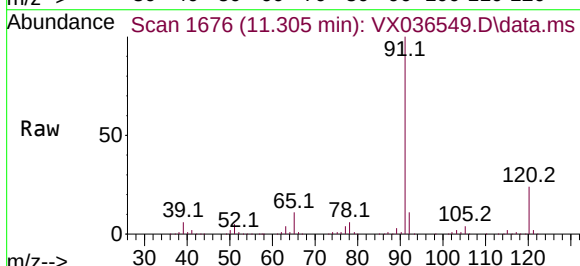
RT: 11.305 min Scan# 1676

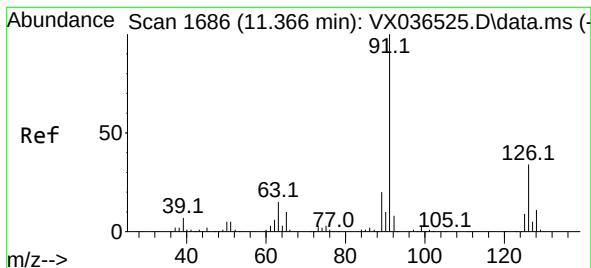
Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion:	91	Resp:	203418
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	46.6





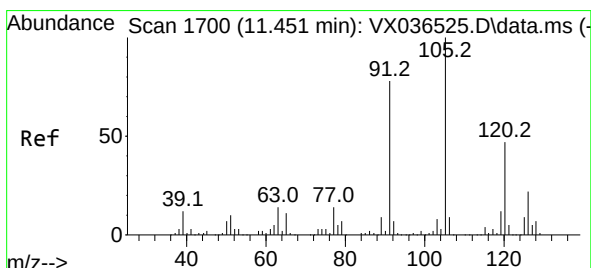
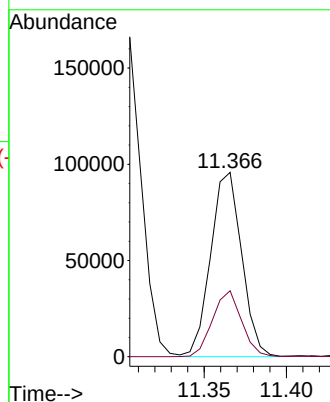
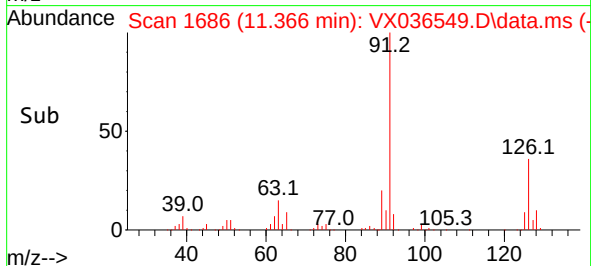
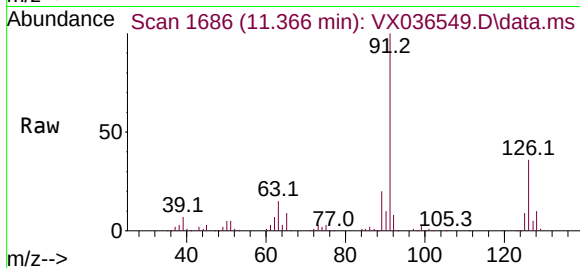
#75
2-Chlorotoluene
Concen: 18.197 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tgt Ion: 91 Resp: 125772
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.2

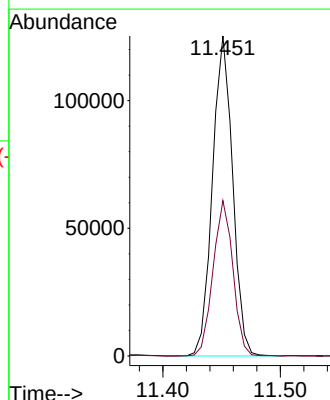
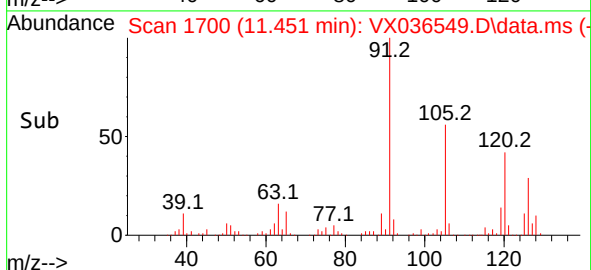
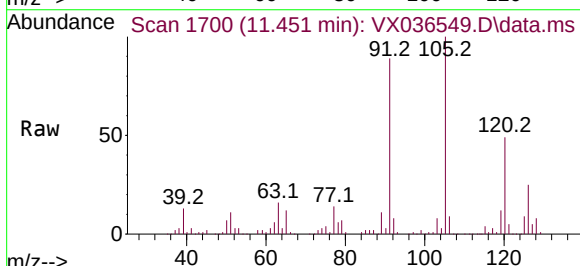
Manual Integrations
APPROVED

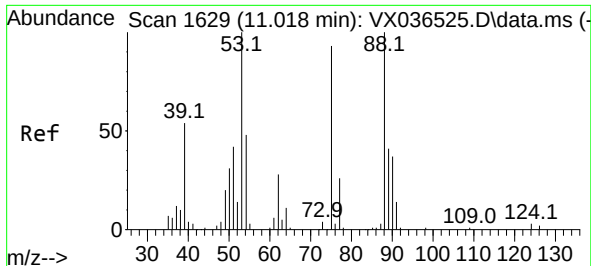
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

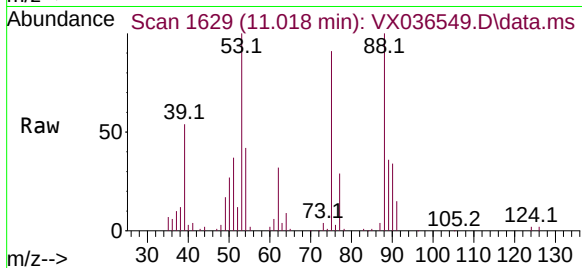
Tgt Ion:105 Resp: 149436
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.345 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

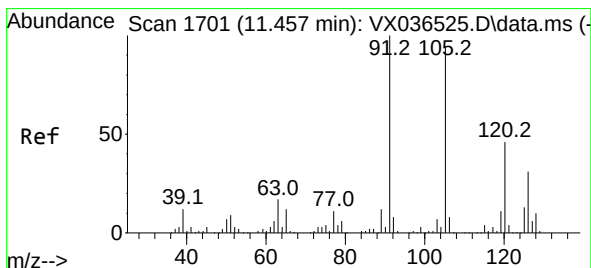
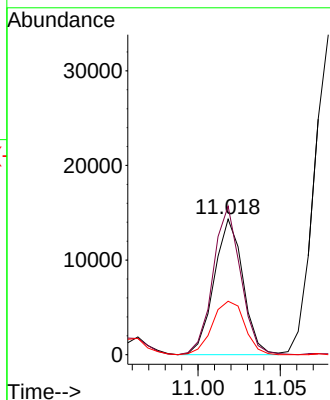
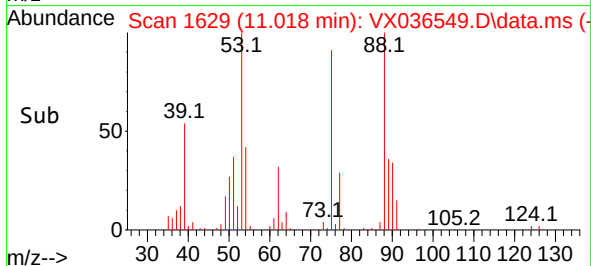
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion: 75 Resp: 17530
Ion Ratio Lower Upper
75 100
53 109.6 53.9 161.7
89 39.5 22.1 66.1

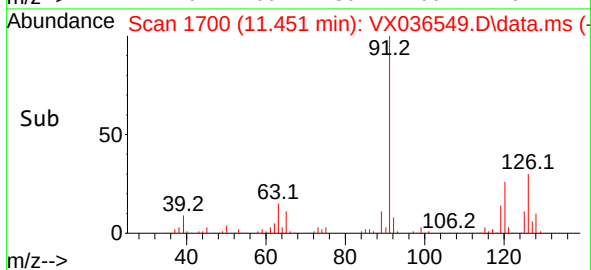
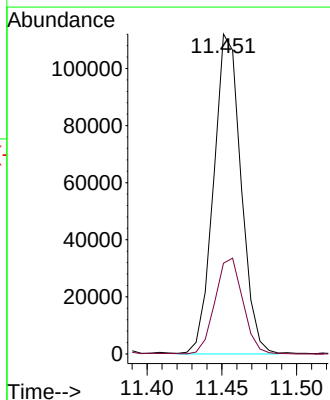
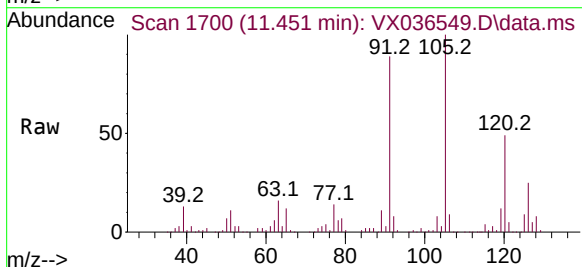
Manual Integrations
APPROVED

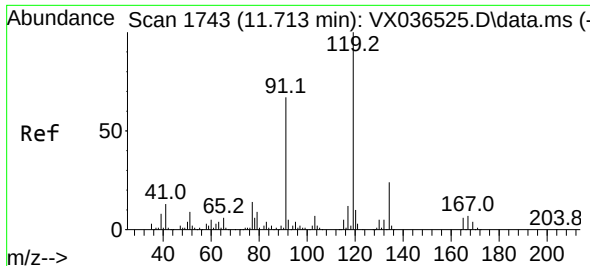
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#78
4-Chlorotoluene
Concen: 18.171 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

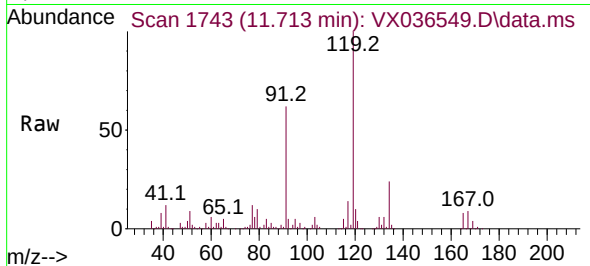
Tgt Ion: 91 Resp: 143004
Ion Ratio Lower Upper
91 100
126 30.4 0.0 59.4





#79
tert-butylbenzene
Concen: 17.687 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

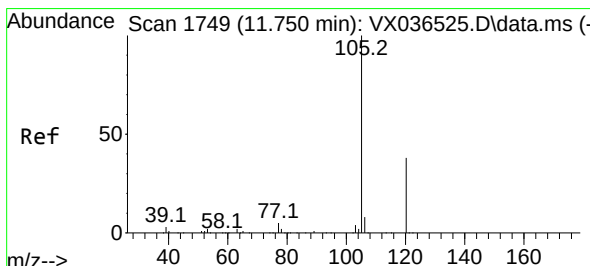
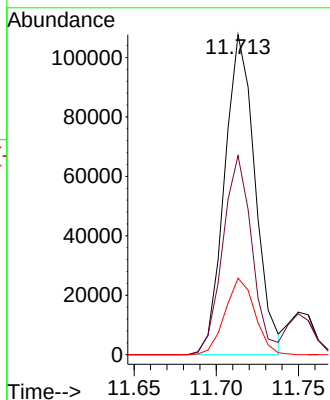
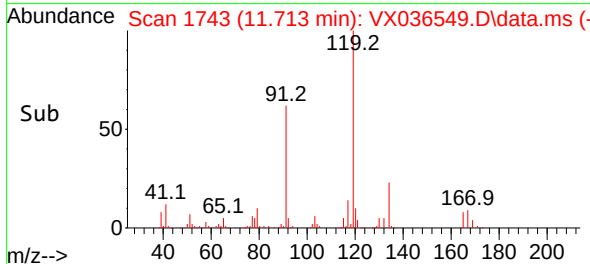
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



Tgt Ion:119 Resp: 13930
Ion Ratio Lower Upper
119 100
91 59.9 0.0 124.4
134 23.3 0.0 47.2

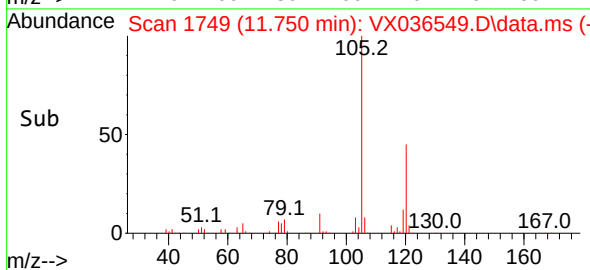
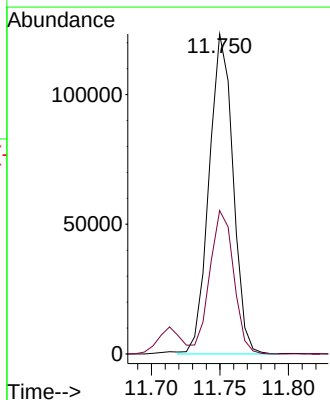
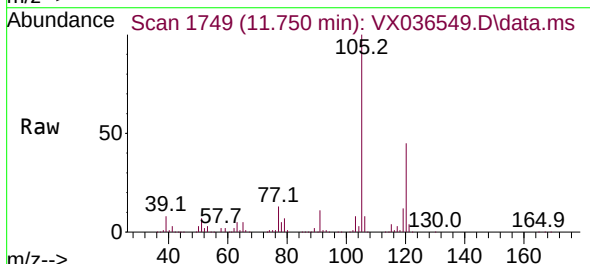
Manual Integrations
APPROVED

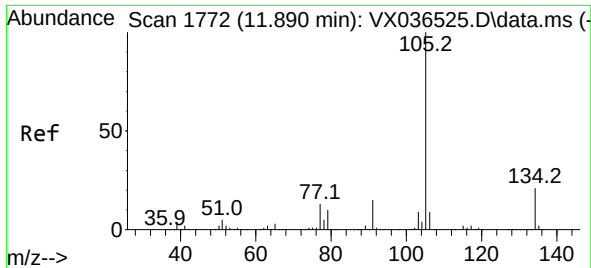
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.222 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

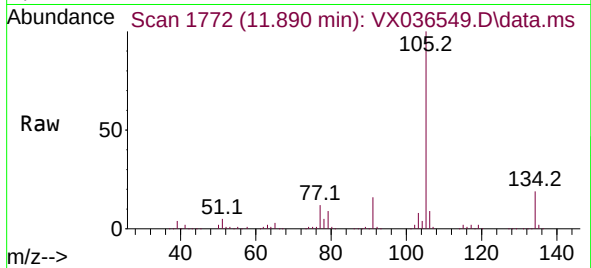
Tgt Ion:105 Resp: 149830
Ion Ratio Lower Upper
105 100
120 45.2 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 17.286 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036549.D
 Acq: 14 Jul 2023 09:17

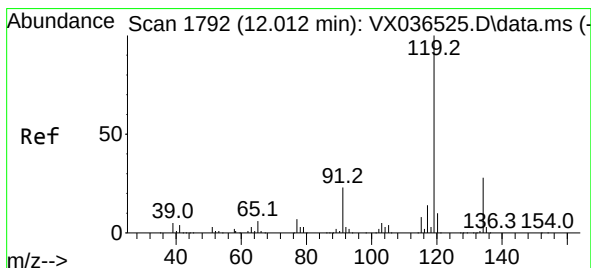
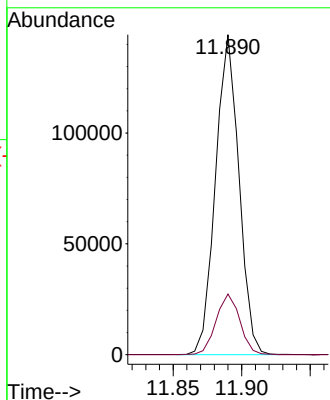
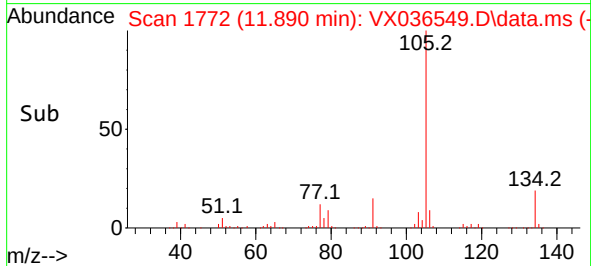
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01



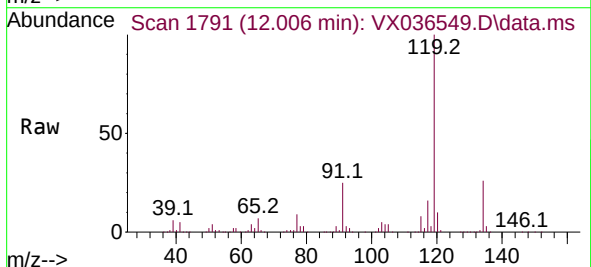
Tgt Ion:105 Resp: 17136
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.2

Manual Integrations
 APPROVED

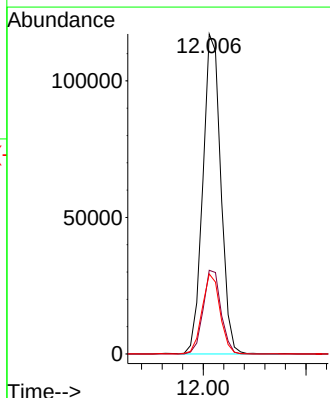
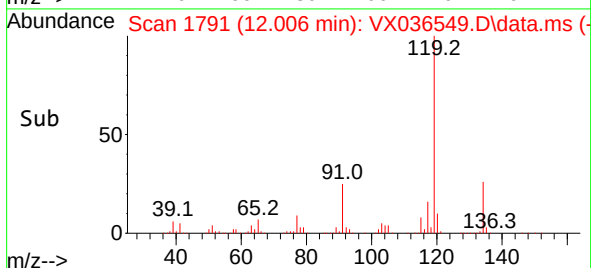
Reviewed By :John Carlone 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023

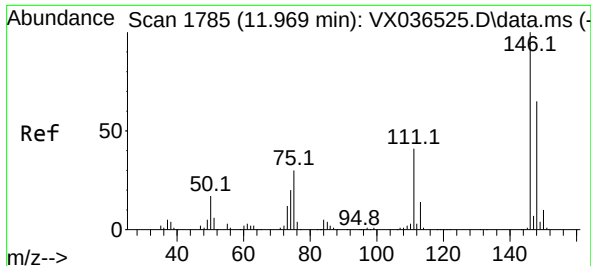


#82
 p-Isopropyltoluene
 Concen: 17.227 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036549.D
 Acq: 14 Jul 2023 09:17



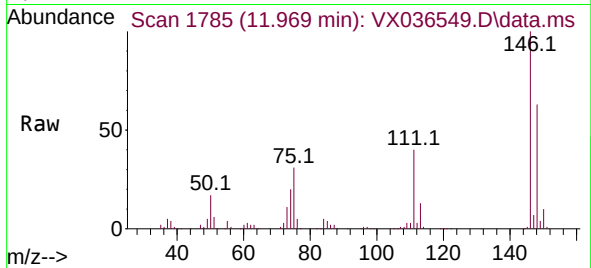
Tgt Ion:119 Resp: 142083
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.2
 91 25.0 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 17.864 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

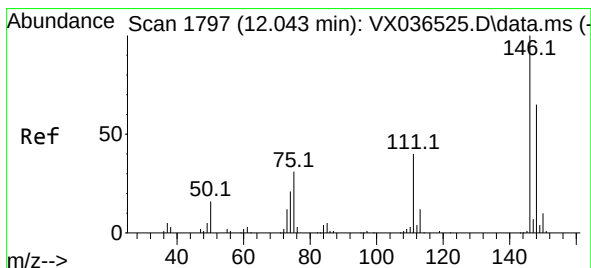
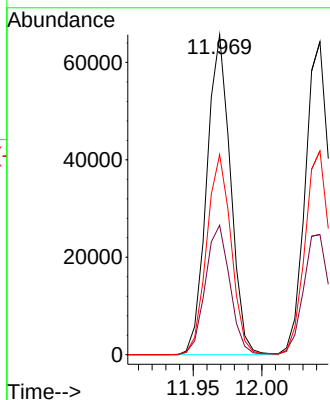
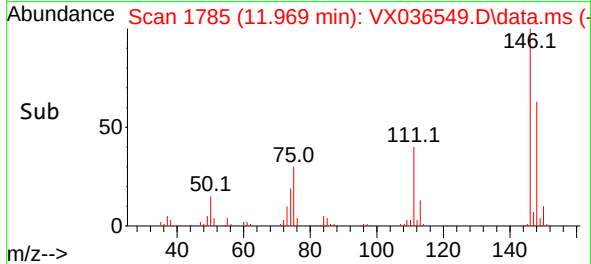
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



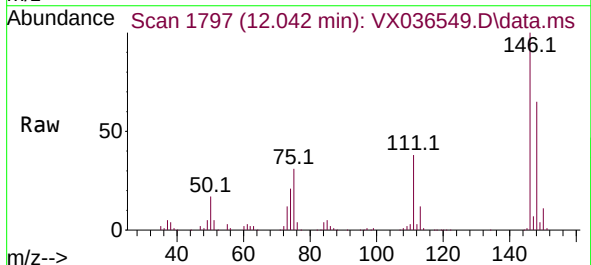
Tgt Ion:146 Resp: 7932
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.2
148 64.3 31.6 94.8

Manual Integrations
APPROVED

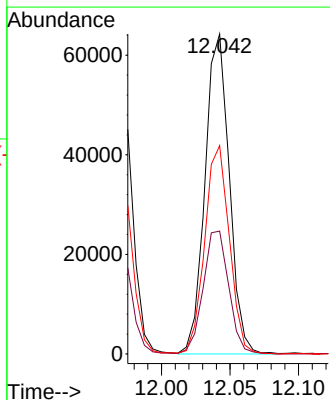
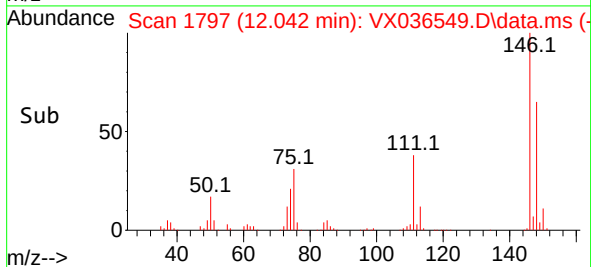
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

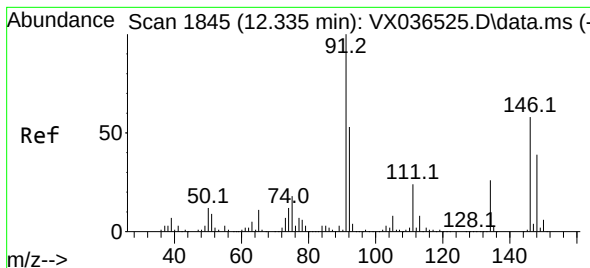


#84
1,4-Dichlorobenzene
Concen: 17.921 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion:146 Resp: 79290
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 66.0 32.1 96.3





#85

n-Butylbenzene

Concen: 16.522 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036549.D

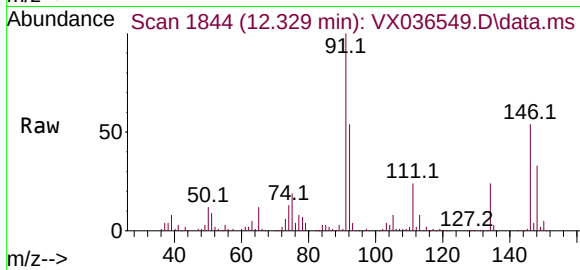
Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01



Tgt Ion: 91 Resp: 12404

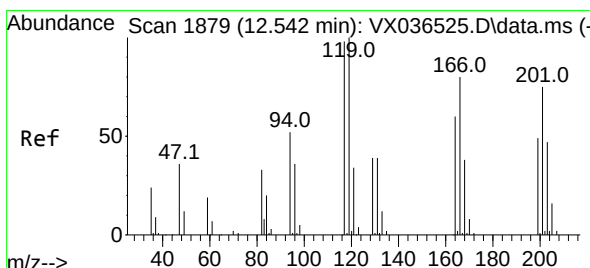
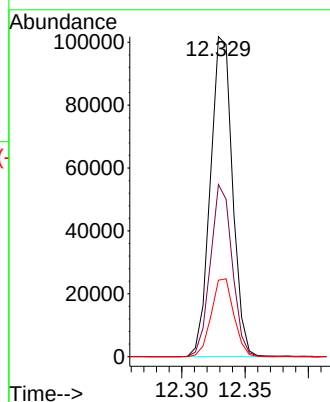
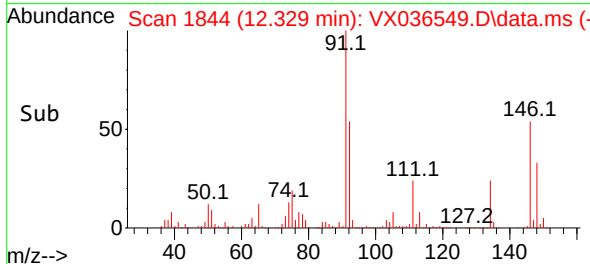
Ion	Ratio	Lower	Upper
91	100		
92	52.9	0.0	105.2
134	24.8	0.0	51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#86

Hexachloroethane

Concen: 15.587 ug/l

RT: 12.536 min Scan# 1878

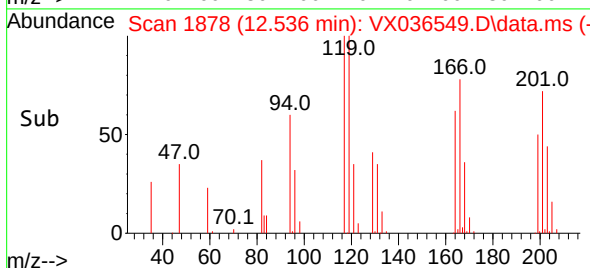
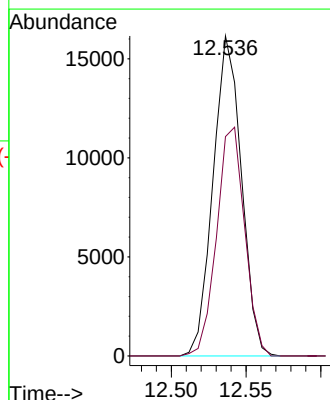
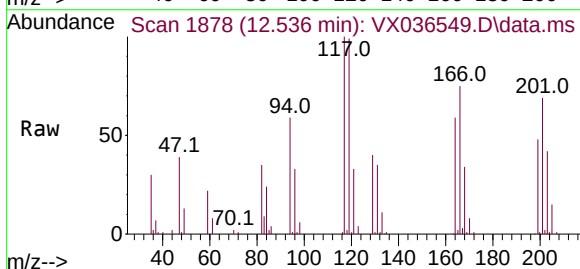
Delta R.T. -0.006 min

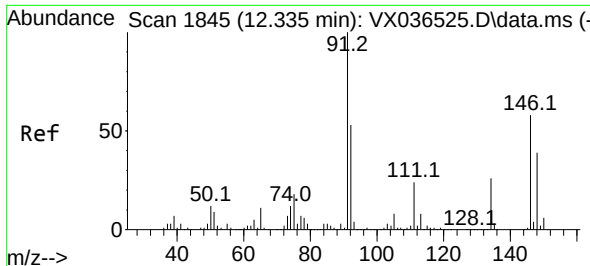
Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Tgt Ion:117 Resp: 21285

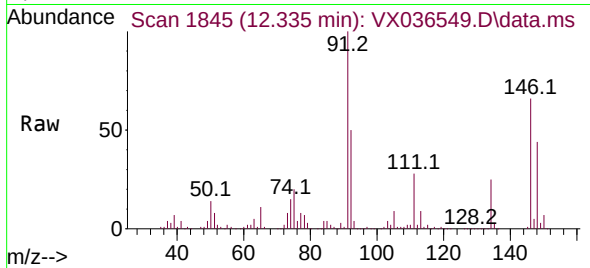
Ion	Ratio	Lower	Upper
117	100		
201	70.9	36.0	108.0





#87
1,2-Dichlorobenzene
Concen: 18.327 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

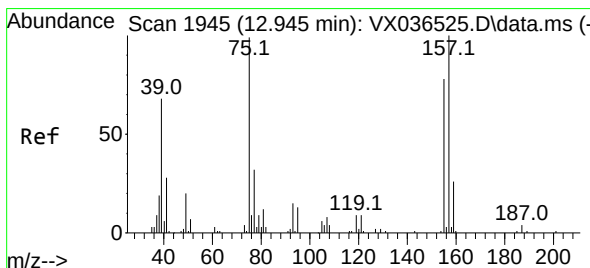
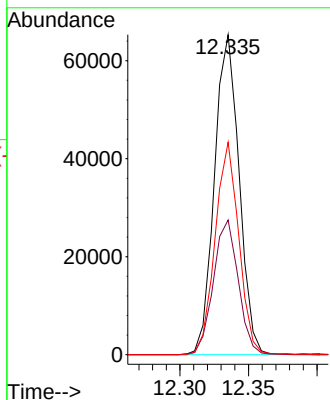
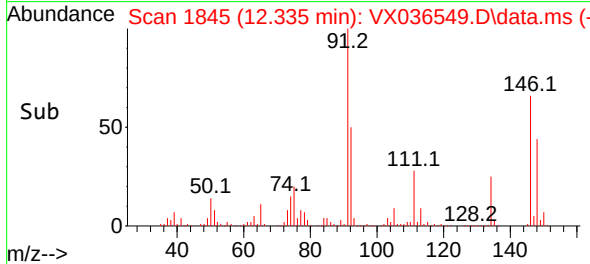
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



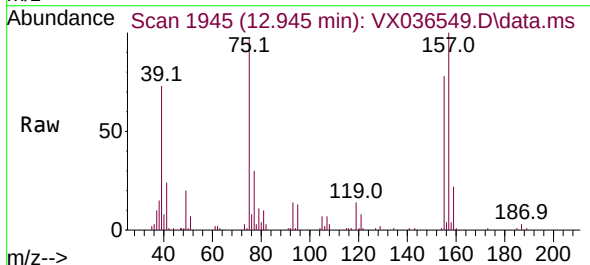
Tgt Ion:146 Resp: 8162
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 63.8 33.2 99.6

Manual Integrations
APPROVED

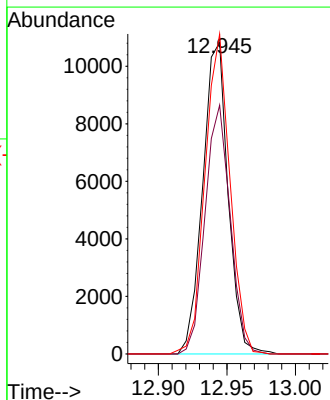
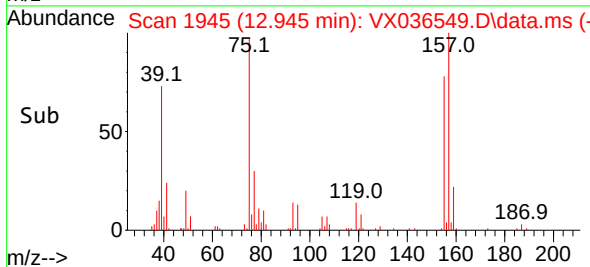
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

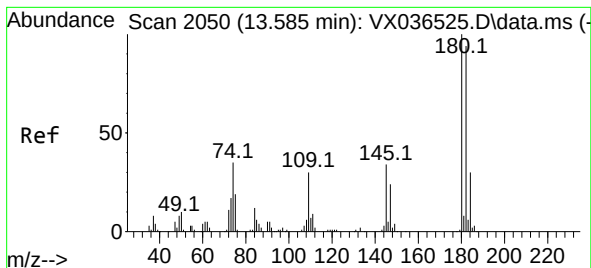


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.605 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion: 75 Resp: 13952
Ion Ratio Lower Upper
75 100
155 79.1 62.7 94.1
157 100.9 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 17.161 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

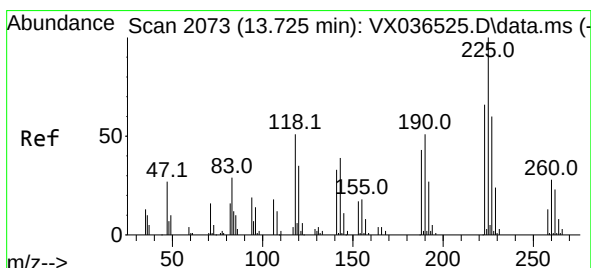
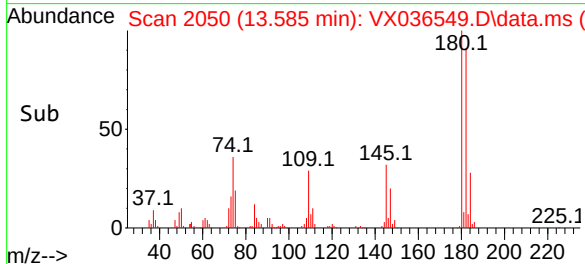
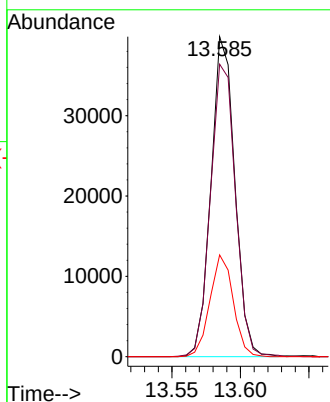
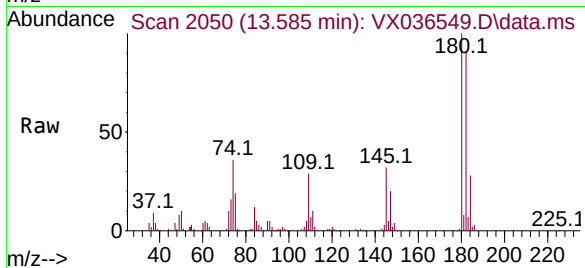
Tgt Ion:180	Resp:	48198
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.6 113.4
145	31.1	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#90

Hexachlorobutadiene

Concen: 16.225 ug/l

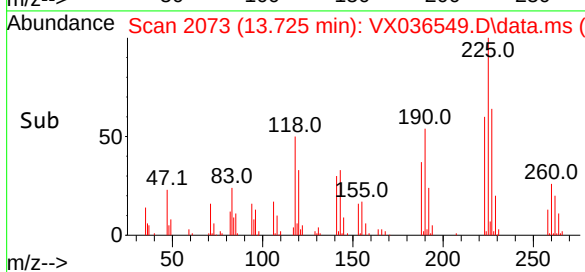
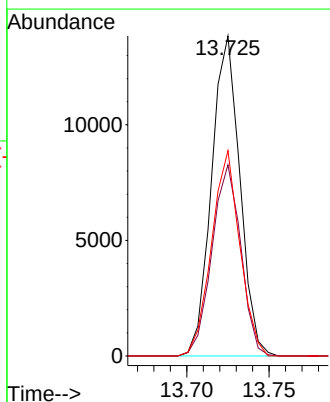
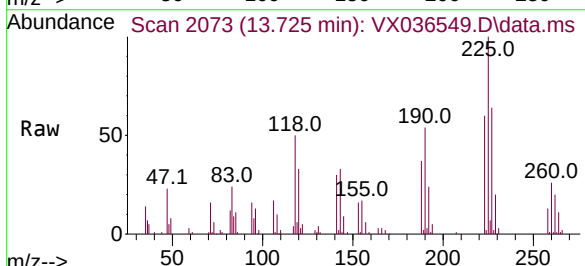
RT: 13.725 min Scan# 2073

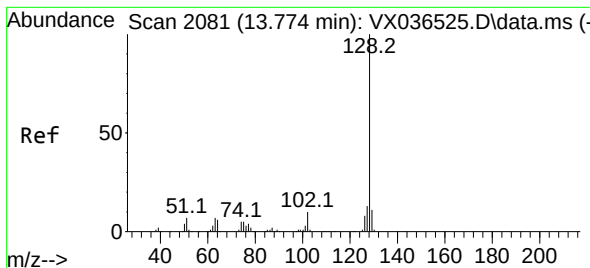
Delta R.T. -0.000 min

Lab File: VX036549.D

Acq: 14 Jul 2023 09:17

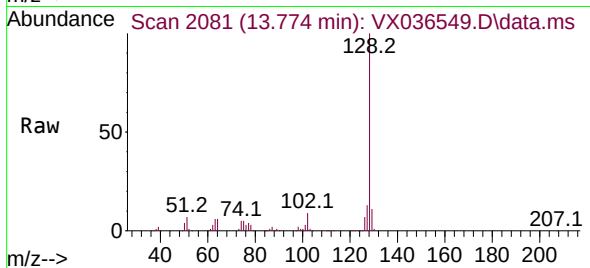
Tgt Ion:225	Resp:	16551
Ion Ratio	Lower	Upper
225	100	
223	60.9	0.0 124.2
227	64.2	0.0 120.4





#91
Naphthalene
Concen: 18.113 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17

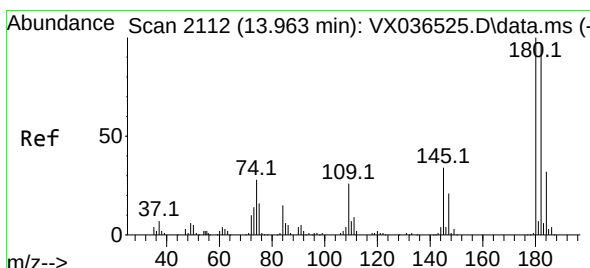
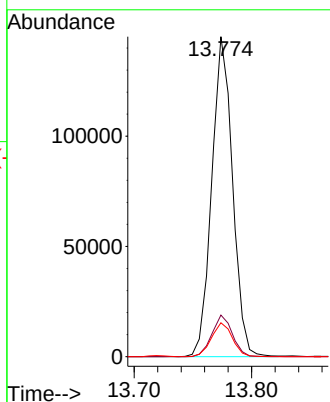
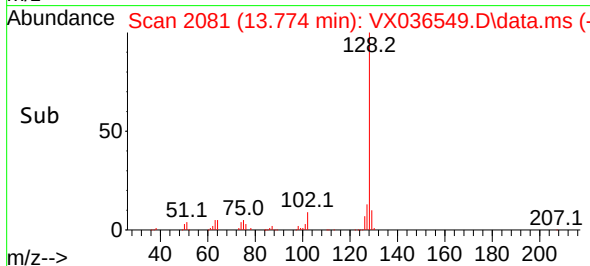
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01



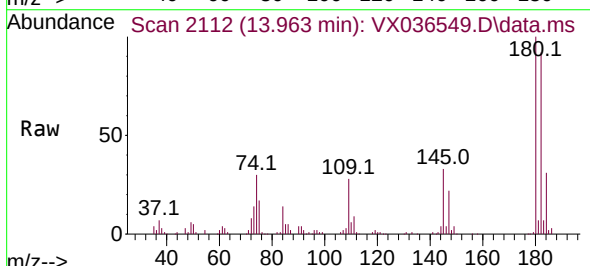
Tgt Ion:128 Resp: 17849
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.117 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036549.D
Acq: 14 Jul 2023 09:17



Tgt Ion:180 Resp: 48523
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.6
145 35.1 0.0 66.8

