

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040450.D
 Acq On : 26 Feb 2024 10:30
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:52:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	28826	19.378	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.760%#		
35) Dibromofluoromethane	5.385	113	20741	19.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.760%#		
50) Toluene-d8	8.647	98	73346	19.365	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.740%#		
62) 4-Bromofluorobenzene	11.079	95	27931	19.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.700%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	21419	19.352	ug/l	96
3) Chloromethane	1.294	50	22880	20.841	ug/l	100
4) Vinyl Chloride	1.374	62	24289	20.460	ug/l	100
5) Bromomethane	1.599	94	15062	22.830	ug/l	100
6) Chloroethane	1.678	64	15455	20.571	ug/l	97
7) Trichlorofluoromethane	1.886	101	37676	20.094	ug/l	99
8) Diethyl Ether	2.130	74	13373	20.405	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	20364	20.177	ug/l	97
10) Methyl Iodide	2.453	142	18176	19.621	ug/l	97
11) Tert butyl alcohol	2.959	59	25098	100.366	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	20462	20.194	ug/l	96
13) Acrolein	2.233	56	14055	87.668	ug/l	99
14) Allyl chloride	2.666	41	36703	20.704	ug/l	97
15) Acrylonitrile	3.062	53	64107	102.202	ug/l	98
16) Acetone	2.380	43	49459	101.954	ug/l	95
17) Carbon Disulfide	2.508	76	54563	19.445	ug/l	99
18) Methyl Acetate	2.703	43	27838	18.614	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	69928	20.232	ug/l	98
20) Methylene Chloride	2.788	84	23267	20.042	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	21811	20.183	ug/l	98
22) Diisopropyl ether	3.757	45	73721	20.694	ug/l	97
23) Vinyl Acetate	3.721	43	342094	104.831	ug/l	98
24) 1,1-Dichloroethane	3.611	63	42378	20.399	ug/l	99
25) 2-Butanone	4.556	43	86273	102.073	ug/l	100
26) 2,2-Dichloropropane	4.477	77	32032	19.366	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25602	20.251	ug/l	98
28) Bromochloromethane	4.897	49	16121	18.551	ug/l #	16
29) Tetrahydrofuran	5.001	42	61077	103.585	ug/l	99
30) Chloroform	5.092	83	44136	20.016	ug/l	94
31) Cyclohexane	5.464	56	34763	20.627	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	37108	19.717	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32313	20.100	ug/l	100
37) Ethyl Acetate	4.708	43	35112	19.957	ug/l	99
38) Carbon Tetrachloride	5.678	117	31123	20.040	ug/l	96
39) Methylcyclohexane	7.379	83	35881	20.673	ug/l	97
40) Benzene	6.037	78	88359	20.301	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18795	19.125	ug/l	92
42) 1,2-Dichloroethane	6.080	62	37754	20.958	ug/l	99
43) Isopropyl Acetate	6.336	43	55738	20.190	ug/l	99
44) Trichloroethene	7.123	130	23124	19.755	ug/l	94
45) 1,2-Dichloropropane	7.427	63	23688	20.336	ug/l	95
46) Dibromomethane	7.580	93	17596	20.547	ug/l	99
47) Bromodichloromethane	7.818	83	33187	19.682	ug/l	95
48) Methyl methacrylate	7.690	41	28188	20.429	ug/l	93
49) 1,4-Dioxane	7.659	88	11089	424.837	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	193676	106.111	ug/l	98
52) Toluene	8.720	92	55626	20.825	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	34723	20.292	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37269	20.262	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23477	21.179	ug/l	96
56) Ethyl methacrylate	9.116	69	35052	20.451	ug/l	94
57) 1,3-Dichloropropane	9.305	76	39486	20.451	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	88581	98.572	ug/l	95
59) 2-Hexanone	9.427	43	150161	107.005	ug/l	97
60) Dibromochloromethane	9.519	129	24745	20.552	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25507	21.087	ug/l	98
64) Tetrachloroethene	9.269	164	19675	20.004	ug/l	98
65) Chlorobenzene	10.079	112	60088	20.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21248	20.233	ug/l	98
67) Ethyl Benzene	10.195	91	113449	20.798	ug/l	99
68) m/p-Xylenes	10.299	106	84188	41.331	ug/l	95
69) o-Xylene	10.640	106	41488	21.296	ug/l	99
70) Styrene	10.652	104	67274	20.714	ug/l	98
71) Bromoform	10.799	173	17384	20.222	ug/l #	99
73) Isopropylbenzene	10.963	105	110387	21.139	ug/l	99
74) N-amyl acetate	10.841	43	50126	20.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39698	21.020	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31573m	20.232	ug/l	
77) Bromobenzene	11.195	156	25724	20.833	ug/l	98
78) n-propylbenzene	11.305	91	135376	20.900	ug/l	96
79) 2-Chlorotoluene	11.366	91	79876	20.485	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94663	21.315	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9576	20.369	ug/l #	89
82) 4-Chlorotoluene	11.451	91	92773	20.575	ug/l	100
83) tert-Butylbenzene	11.713	119	86951	20.767	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92304	20.948	ug/l	97
85) sec-Butylbenzene	11.890	105	115209	20.945	ug/l	99
86) p-Isopropyltoluene	12.006	119	93524	20.627	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50304	20.439	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	50905	20.317	ug/l	99
89) n-Butylbenzene	12.329	91	91991	20.622	ug/l	95
90) Hexachloroethane	12.536	117	14176	18.786	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	48852	20.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9352	21.241	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31652	20.678	ug/l	96
94) Hexachlorobutadiene	13.725	225	12760	20.397	ug/l	97
95) Naphthalene	13.774	128	103825	21.226	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30208	20.761	ug/l	98

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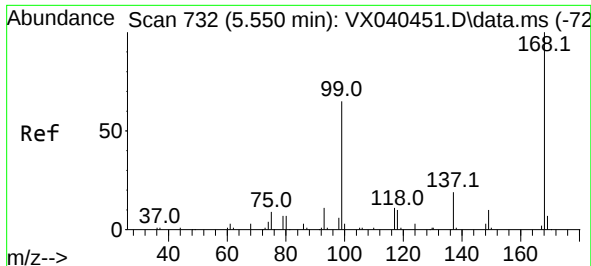
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/27/2024

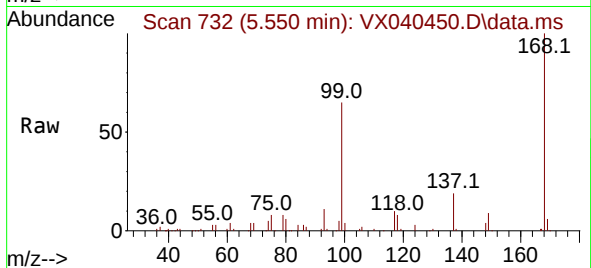
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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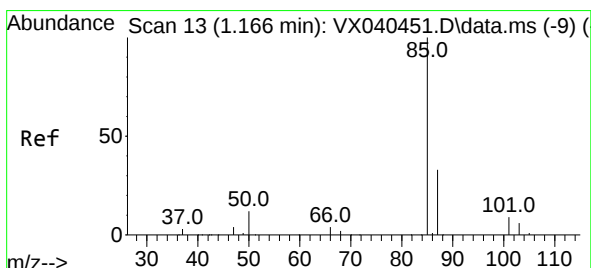
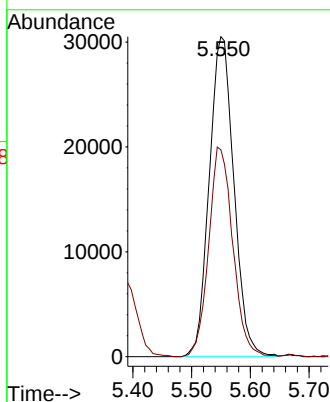
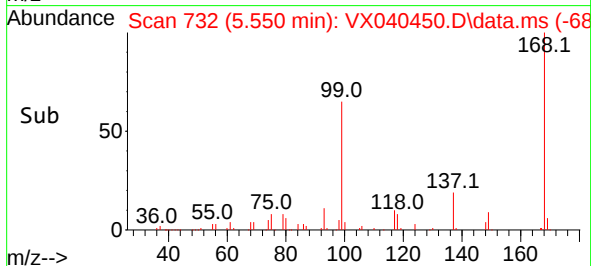
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 88938
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0

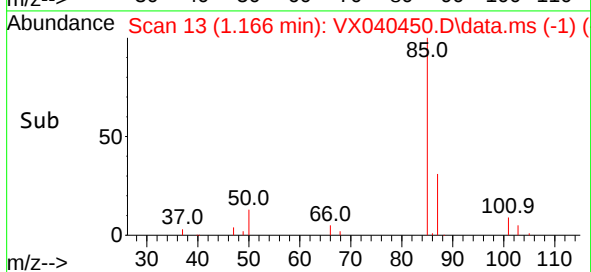
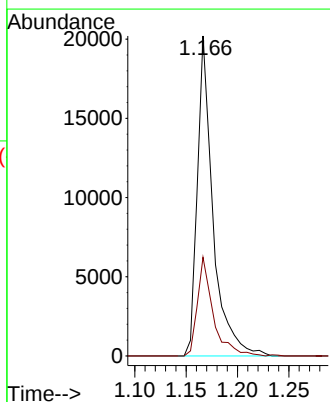
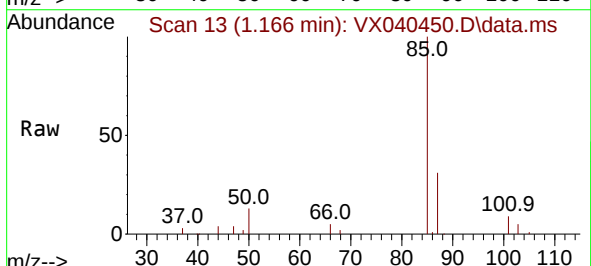
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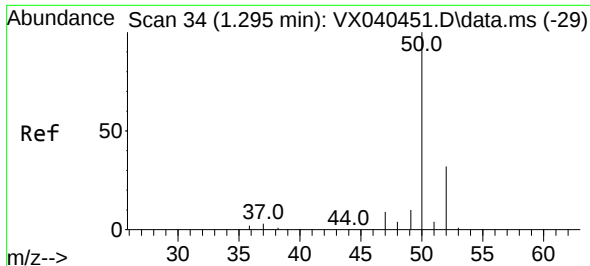
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#2
Dichlorodifluoromethane
Concen: 19.352 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

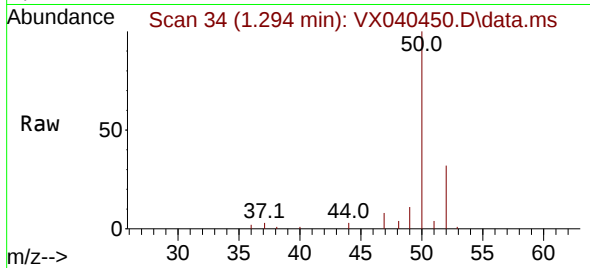
Tgt Ion: 85 Resp: 21419
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1





#3
Chloromethane
Concen: 20.841 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

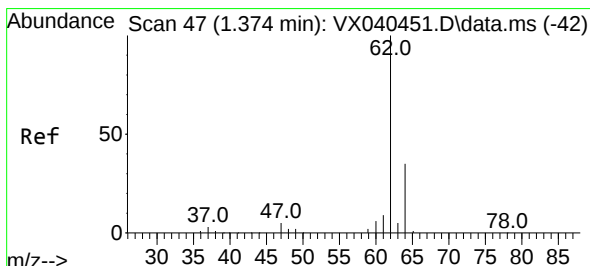
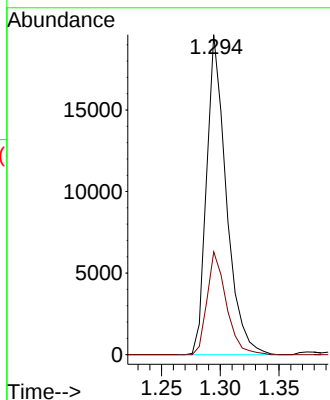
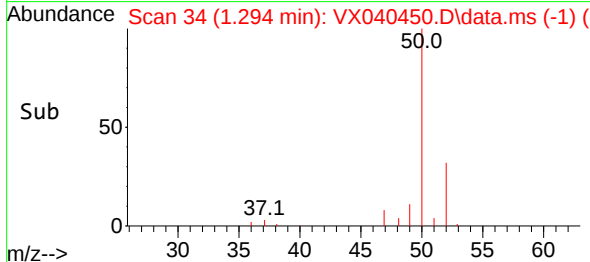
Instrument :
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Tgt Ion: 50 Resp: 22880
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

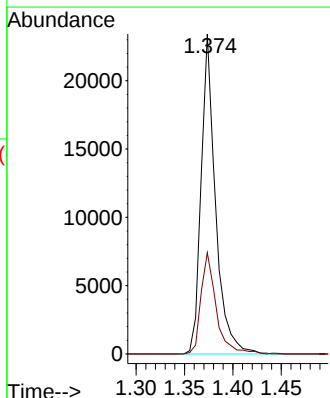
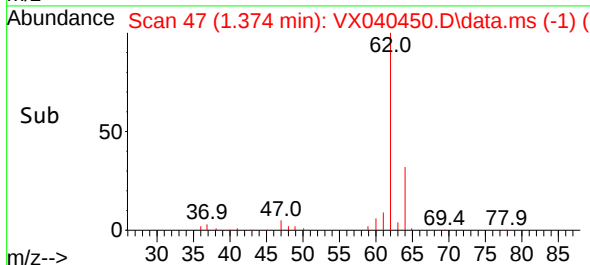
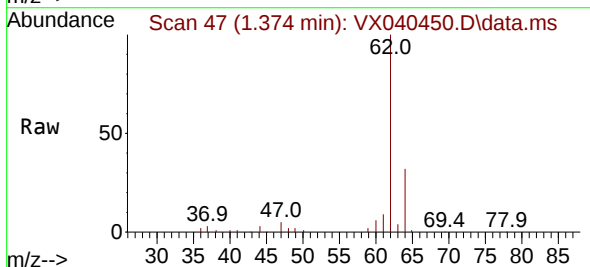
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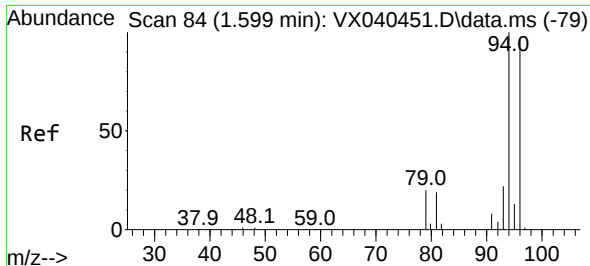
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#4
Vinyl Chloride
Concen: 20.460 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

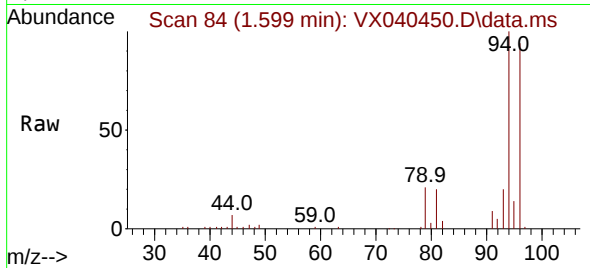
Tgt Ion: 62 Resp: 24289
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 22.830 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

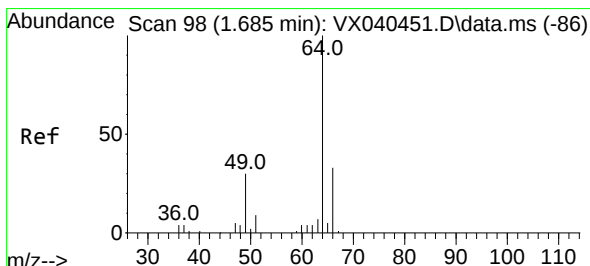
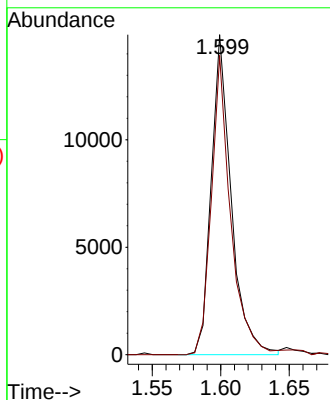
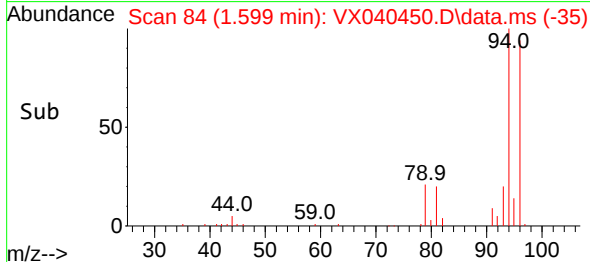
Instrument :
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Tgt Ion: 94 Resp: 15062
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

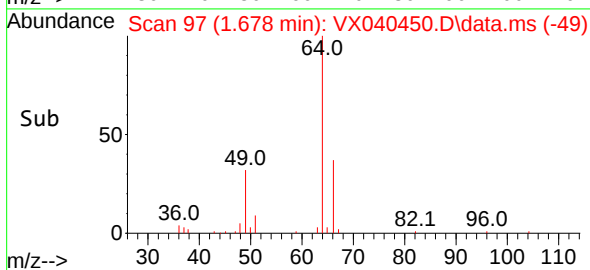
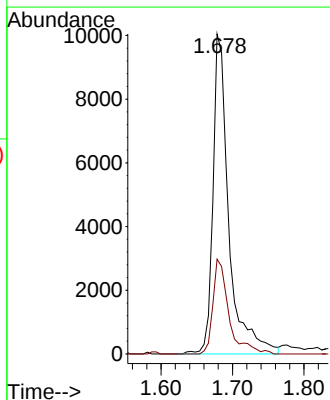
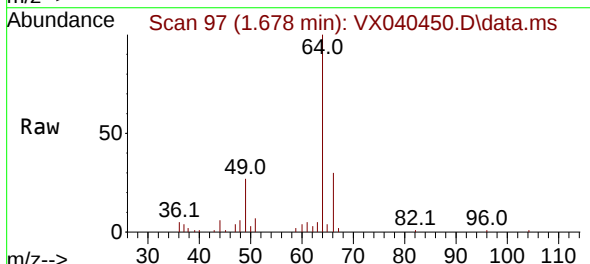
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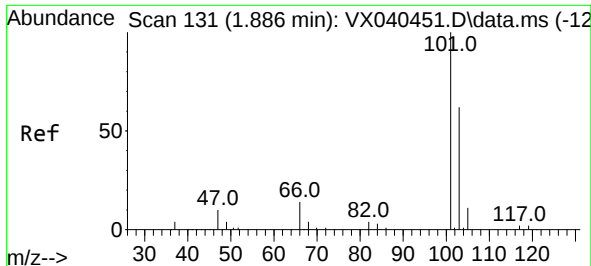
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 20.571 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040450.D
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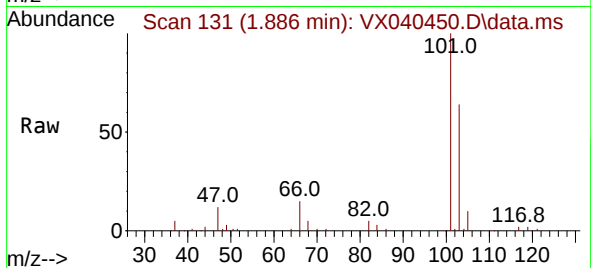
Tgt Ion: 64 Resp: 15455
Ion Ratio Lower Upper
64 100
66 29.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.094 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040450.D
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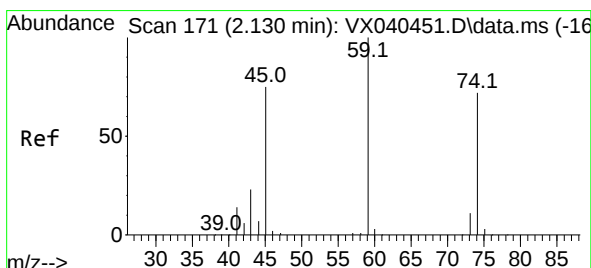
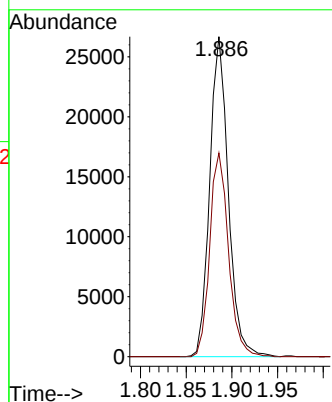
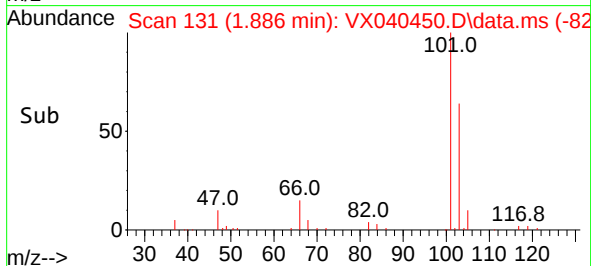
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 37670
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

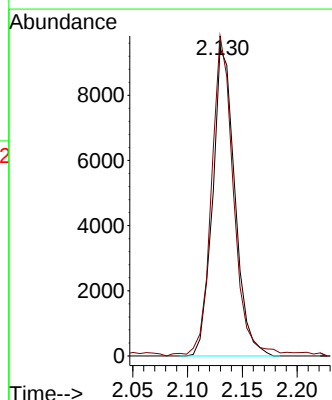
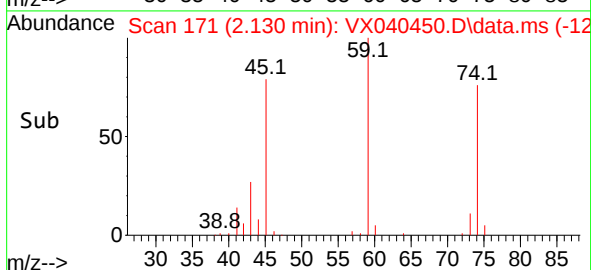
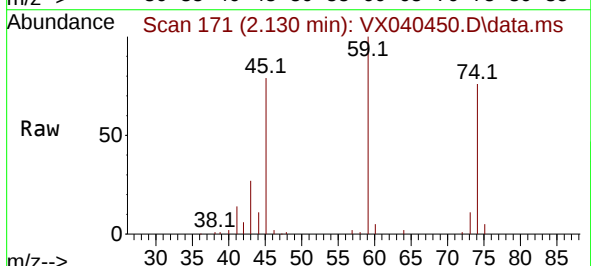
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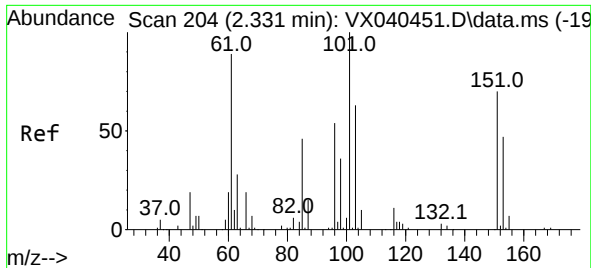
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#8
Diethyl Ether
Concen: 20.405 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 74 Resp: 13373
Ion Ratio Lower Upper
74 100
45 103.4 53.3 159.8





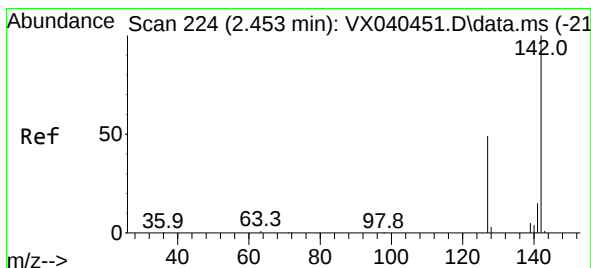
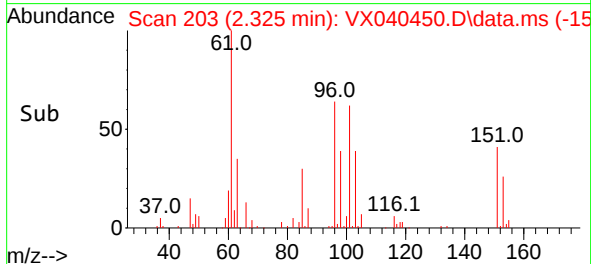
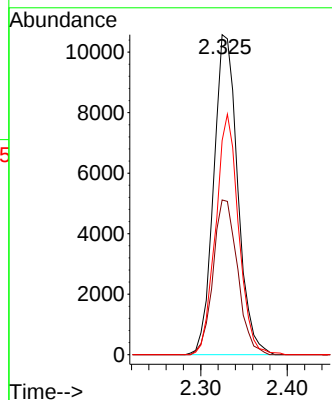
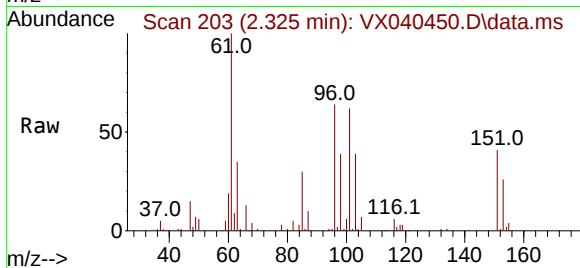
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.177 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 20364
Ion Ratio Lower Upper
101 100
85 49.2 37.0 55.6
151 71.8 58.6 87.8

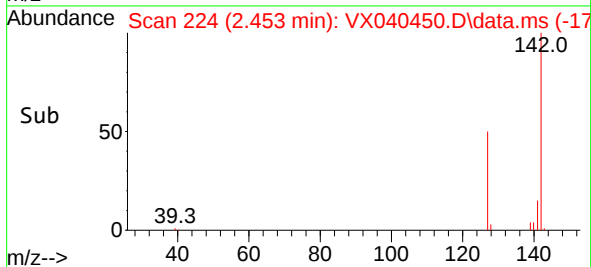
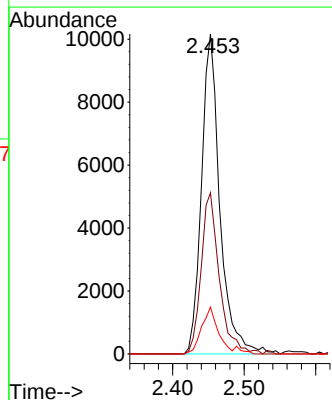
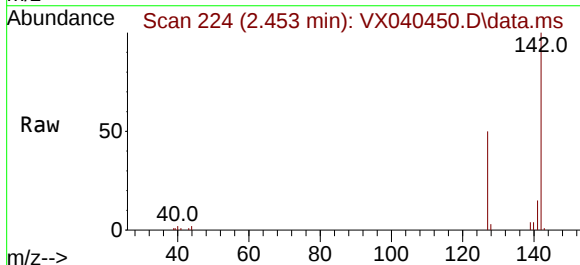
Manual Integrations
APPROVED

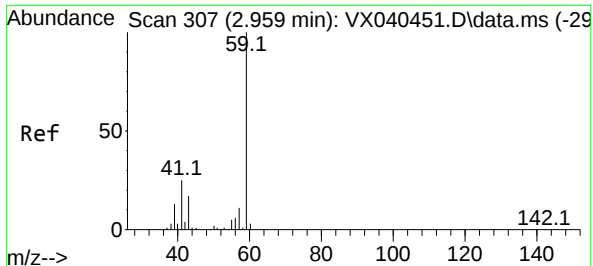
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#10
Methyl Iodide
Concen: 19.621 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

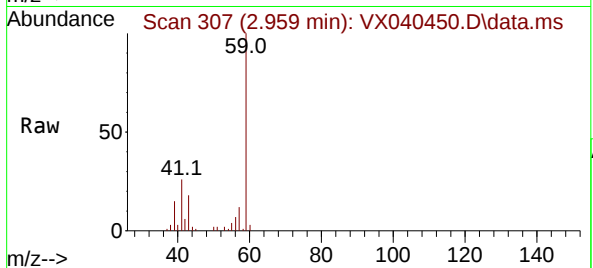
Tgt Ion:142 Resp: 18176
Ion Ratio Lower Upper
142 100
127 49.8 41.6 62.4
141 13.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 100.366 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

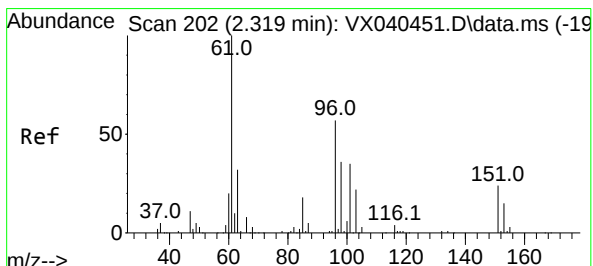
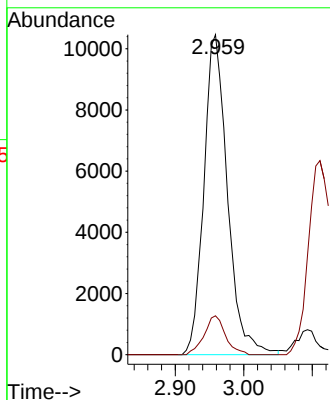
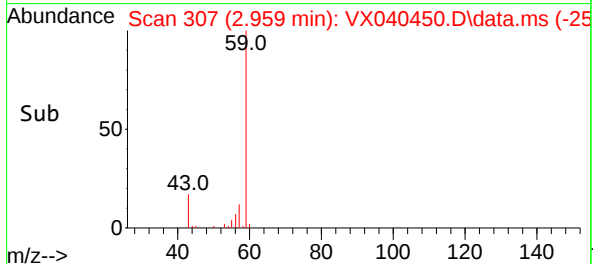
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



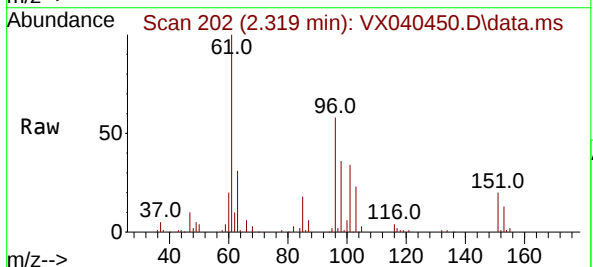
Tgt Ion: 59 Resp: 25098
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0

Manual Integrations
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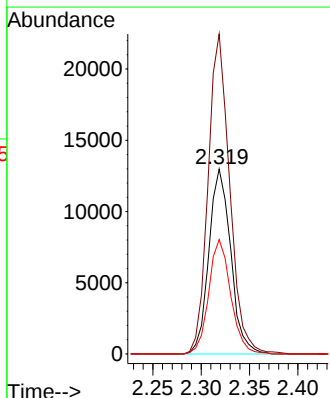
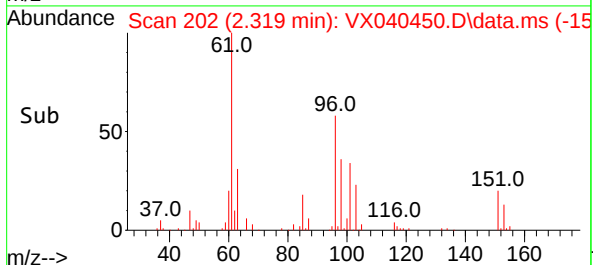
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

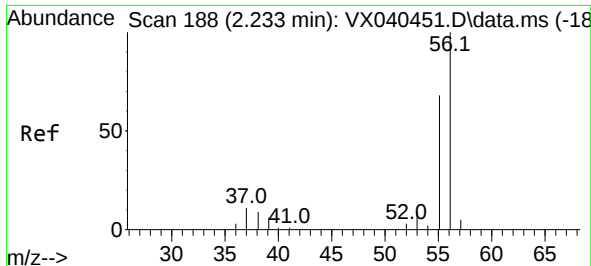


#12
1,1-Dichloroethene
Concen: 20.194 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30



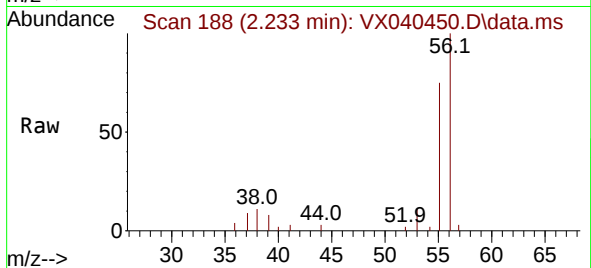
Tgt Ion: 96 Resp: 20462
Ion Ratio Lower Upper
96 100
61 173.0 144.6 216.8
98 61.8 50.4 75.6





#13
Acrolein
Concen: 87.668 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

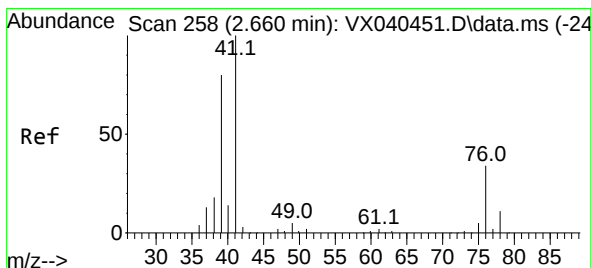
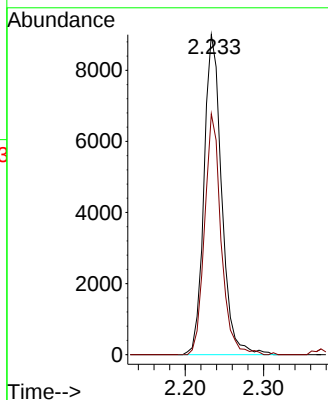
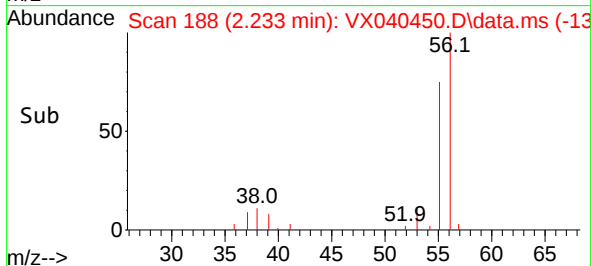
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



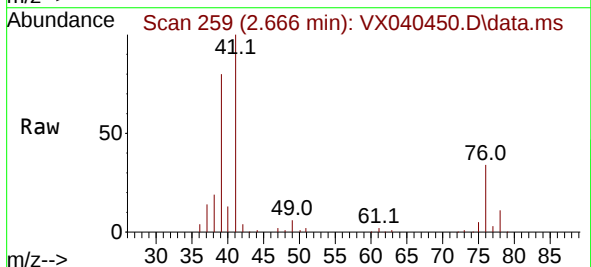
Tgt Ion: 56 Resp: 1405
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

Manual Integrations
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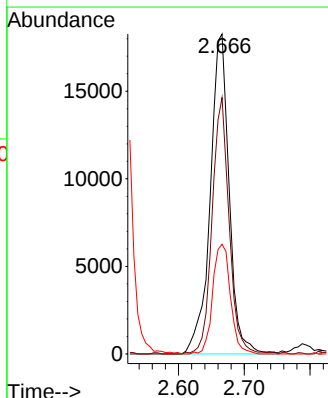
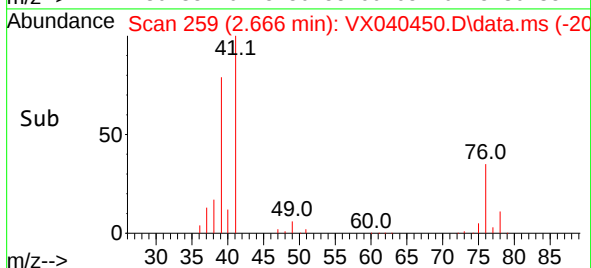
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

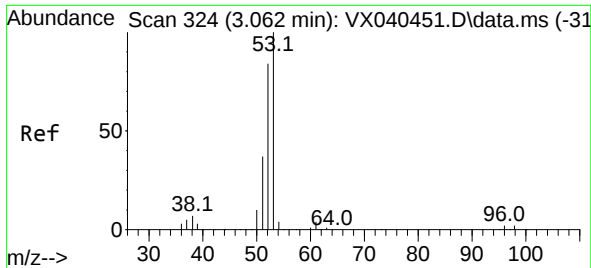


#14
Allyl chloride
Concen: 20.704 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30



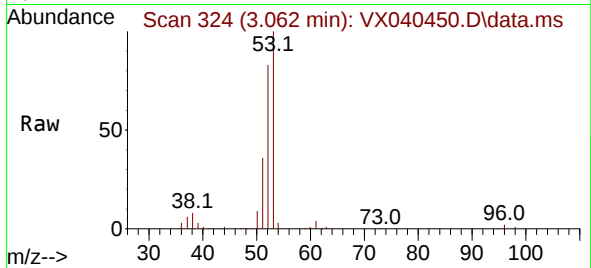
Tgt Ion: 41 Resp: 36703
Ion Ratio Lower Upper
41 100
39 71.6 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 102.202 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

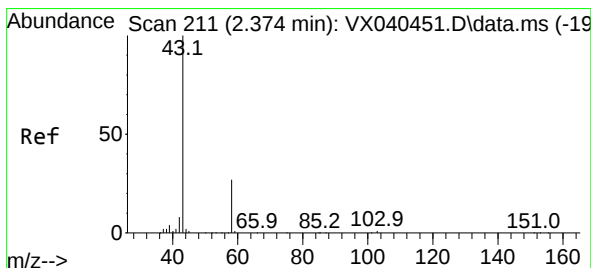
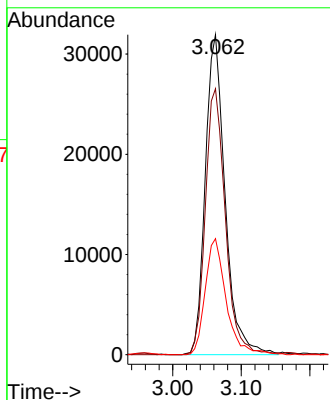
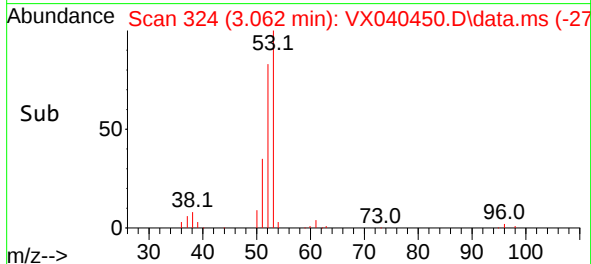
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 6410
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 38.4 29.8 44.6

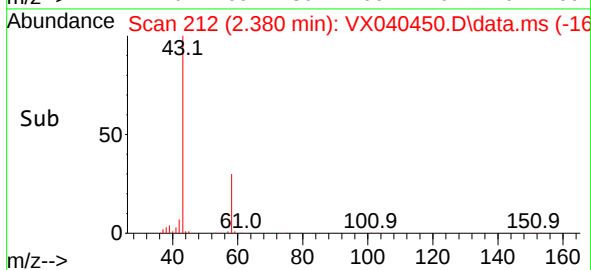
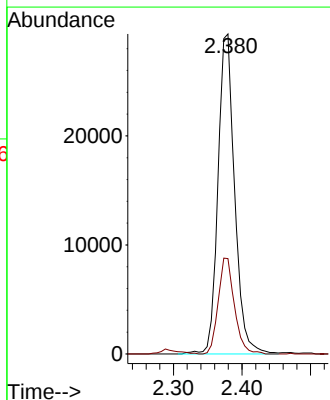
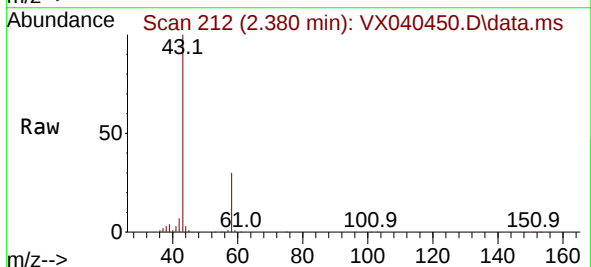
Manual Integrations
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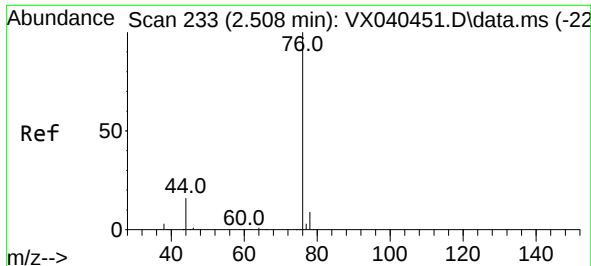
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#16
Acetone
Concen: 101.954 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 43 Resp: 49459
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#17

Carbon Disulfide

Concen: 19.445 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5456

Ion Ratio Lower Upper

76 100

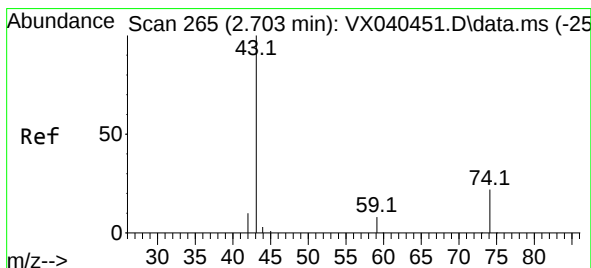
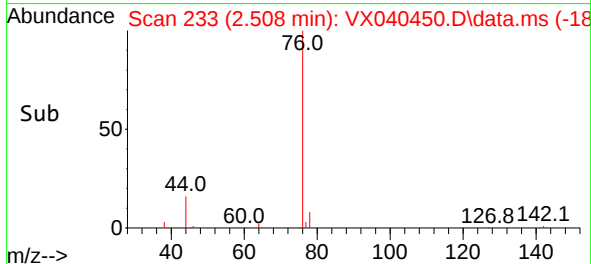
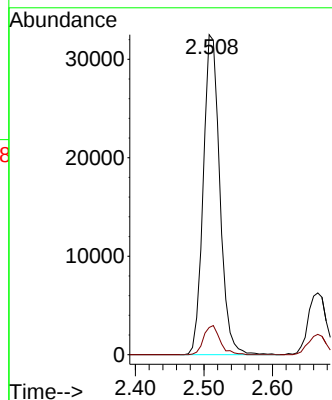
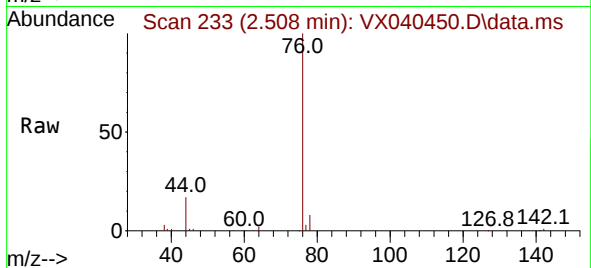
78 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#18

Methyl Acetate

Concen: 18.614 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040450.D

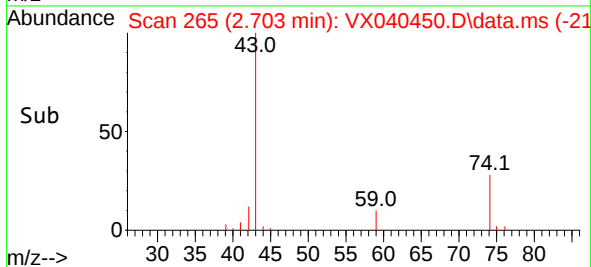
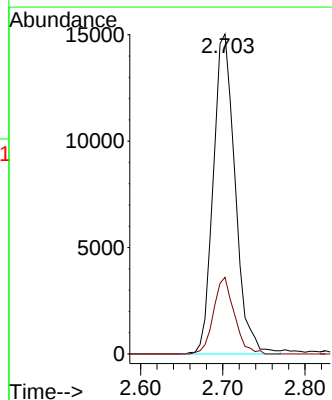
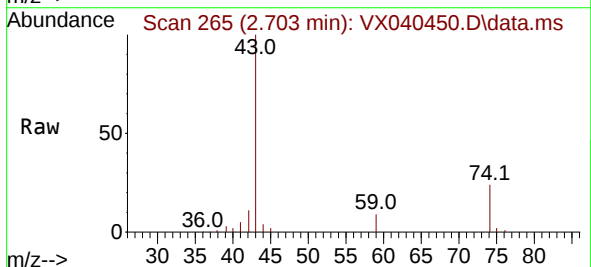
Acq: 26 Feb 2024 10:30

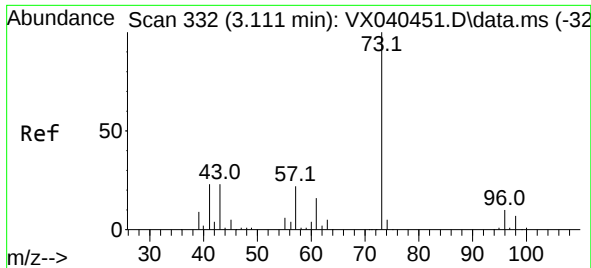
Tgt Ion: 43 Resp: 27838

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8





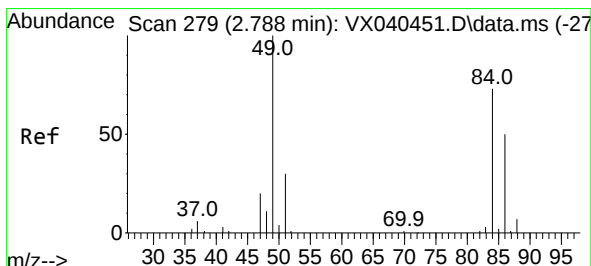
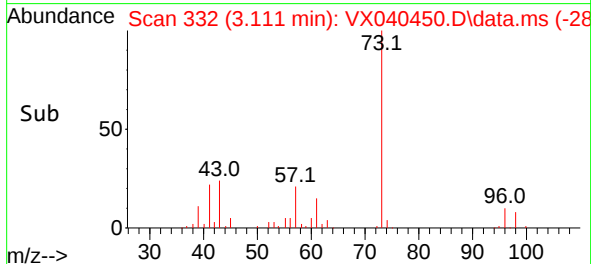
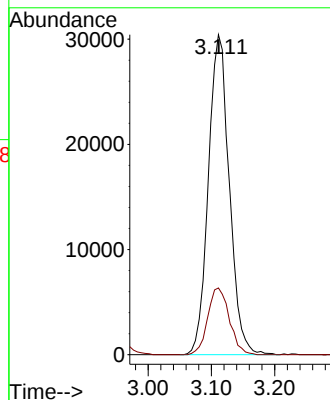
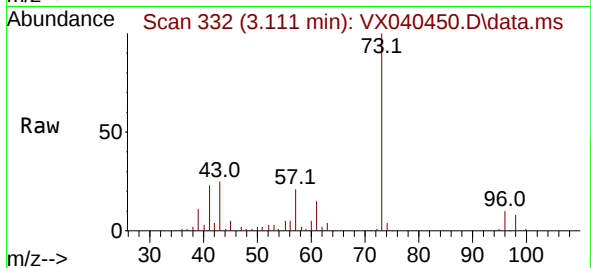
#19
Methyl tert-butyl Ether
Concen: 20.232 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 69928
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

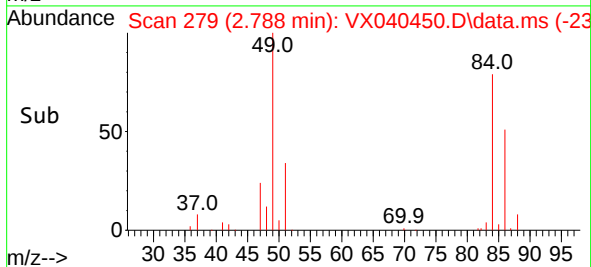
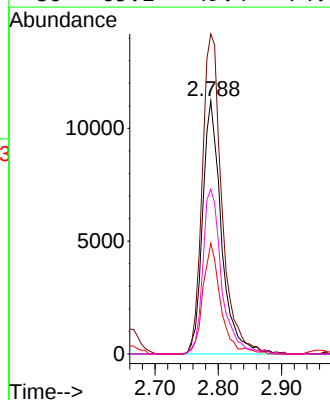
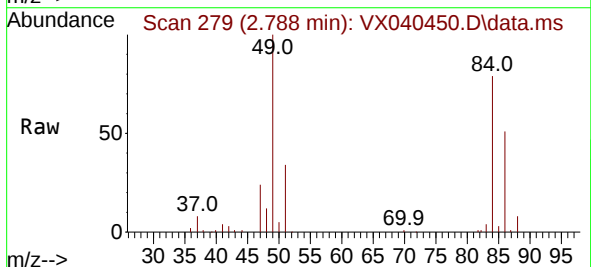
Manual Integrations
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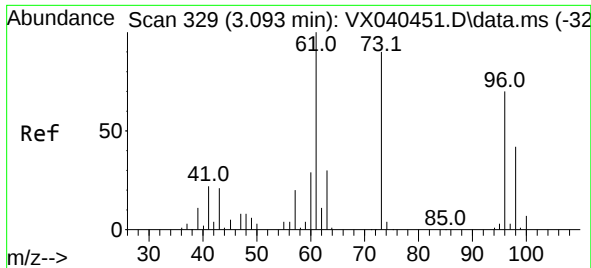
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#20
Methylene Chloride
Concen: 20.042 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 84 Resp: 23267
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 43.6 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.183 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

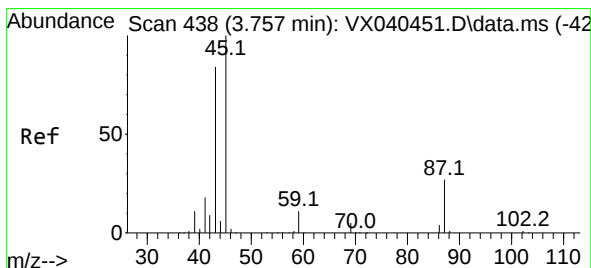
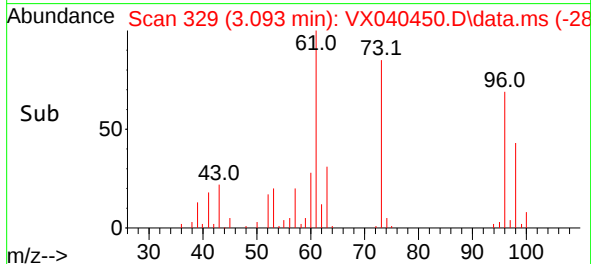
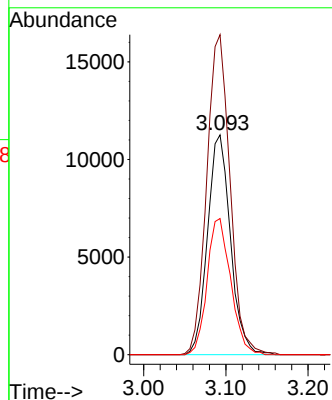
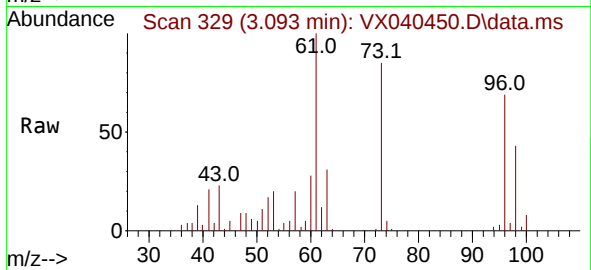
Tgt Ion: 96 Resp: 2181
Ion Ratio Lower Upper
96 100
61 145.5 119.2 178.8
98 61.9 48.7 73.1

Manual Integrations

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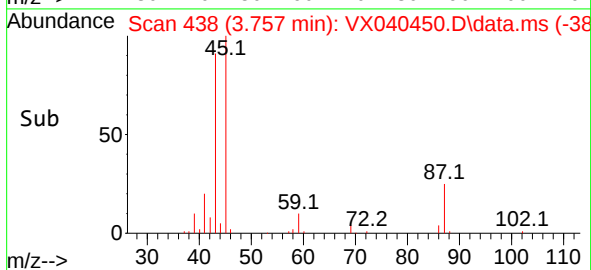
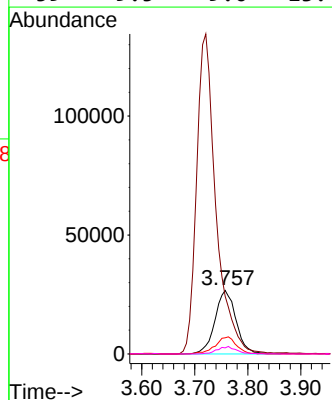
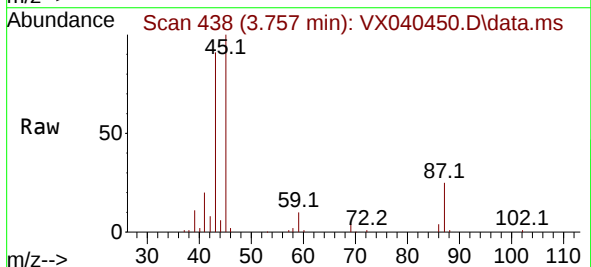
Reviewed By :John Carlone 02/27/2024

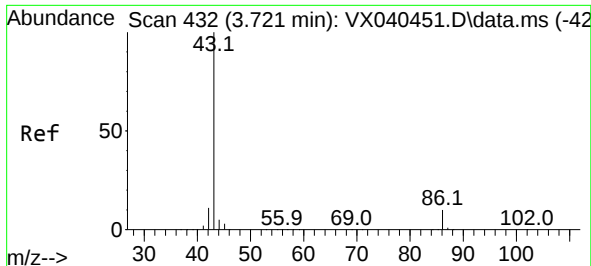
Supervised By :Semsettin Yesilyurt 02/27/2024



#22
Diisopropyl ether
Concen: 20.694 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 45 Resp: 73721
Ion Ratio Lower Upper
45 100
43 90.0 69.7 104.5
87 25.5 20.8 31.2
59 9.5 9.0 13.4





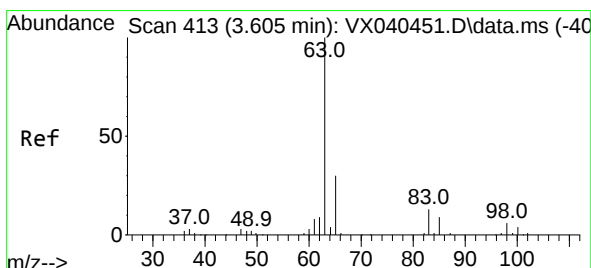
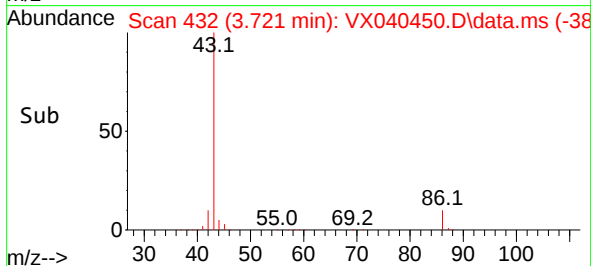
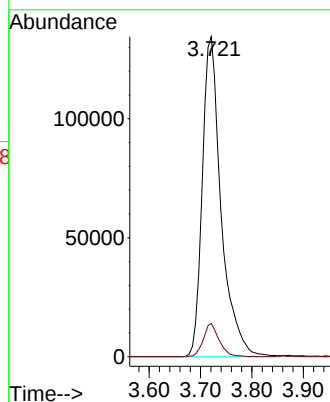
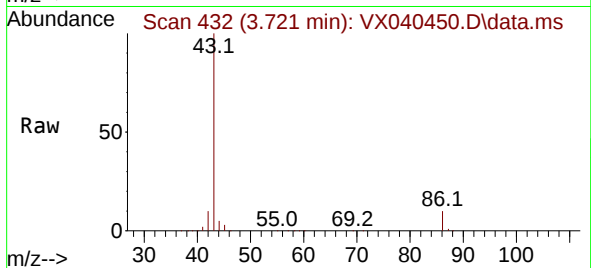
#23
 Vinyl Acetate
 Concen: 104.831 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040450.D
 Acq: 26 Feb 2024 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 342094
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

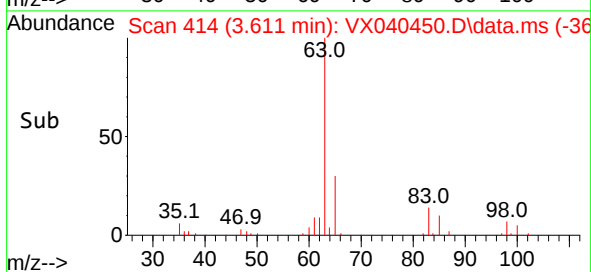
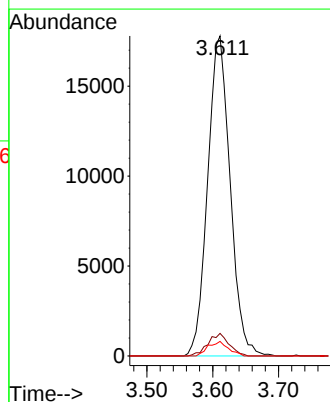
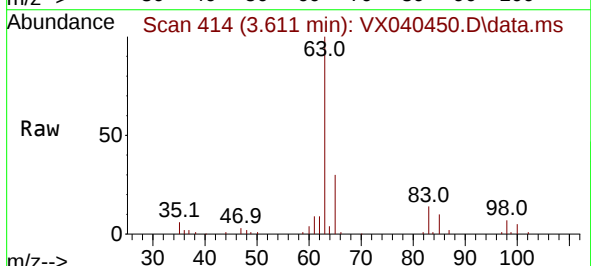
Manual Integrations
 APPROVED

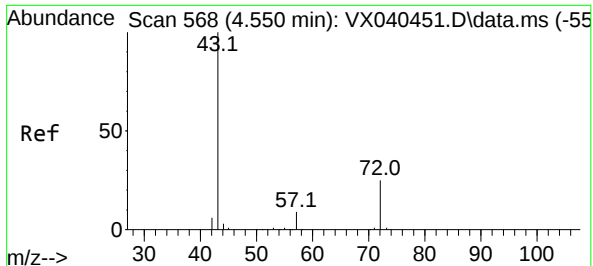
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024



#24
 1,1-Dichloroethane
 Concen: 20.399 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040450.D
 Acq: 26 Feb 2024 10:30

Tgt Ion: 63 Resp: 42378
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.6 2.1 6.5





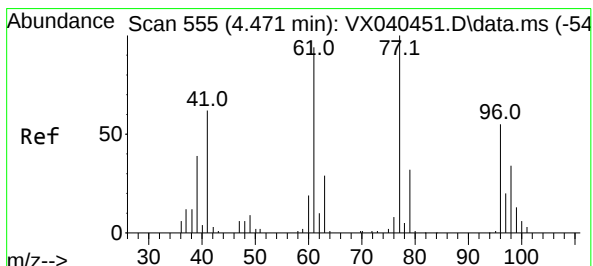
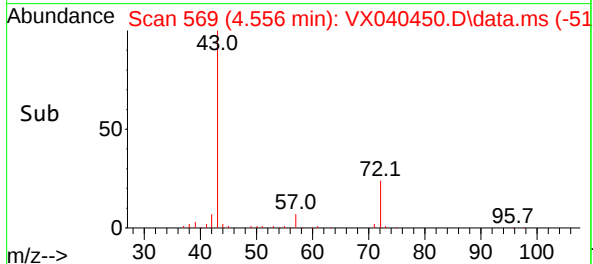
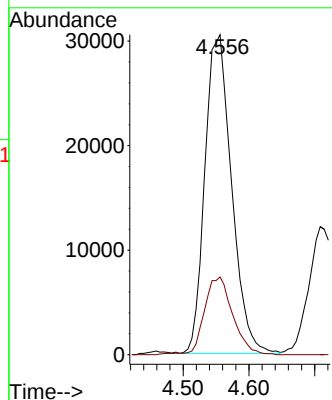
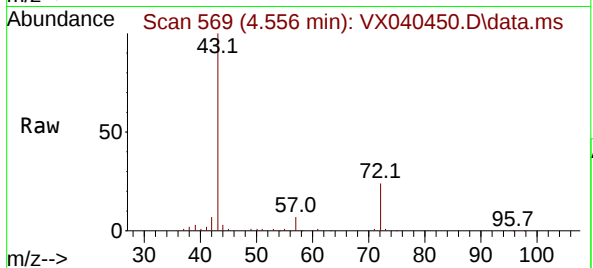
#25
2-Butanone
Concen: 102.073 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 8627
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

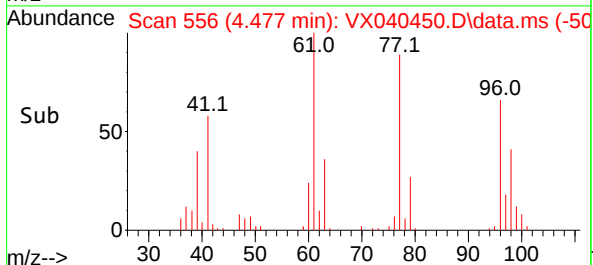
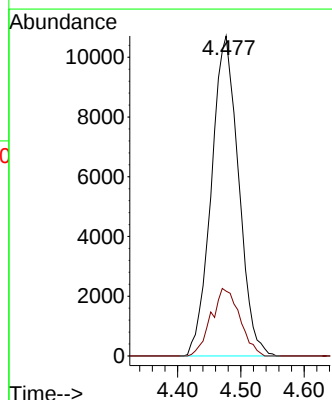
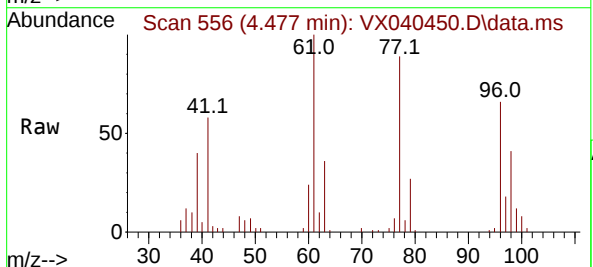
Manual Integrations
APPROVED

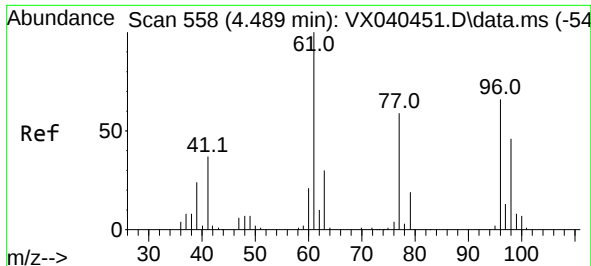
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#26
2,2-Dichloropropane
Concen: 19.366 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 77 Resp: 32032
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.251 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 2560

Ion Ratio Lower Upper

96 100

61 152.9 0.0 312.2

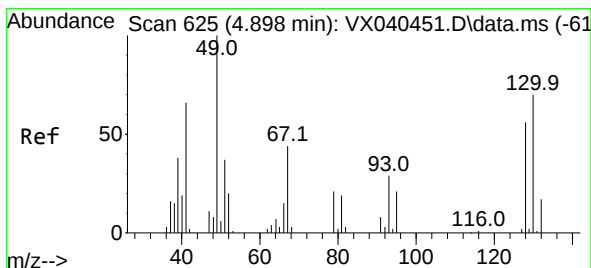
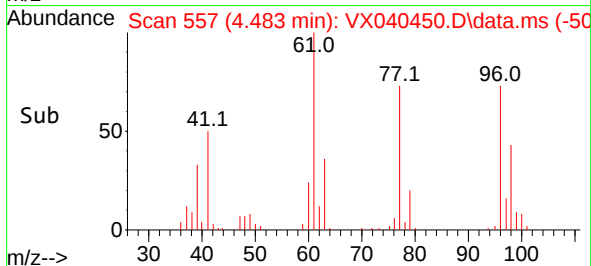
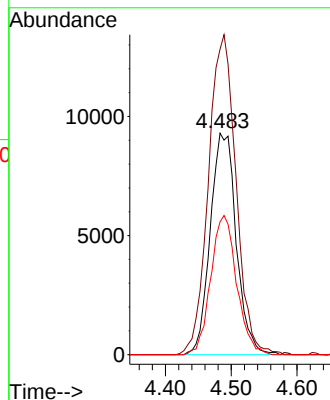
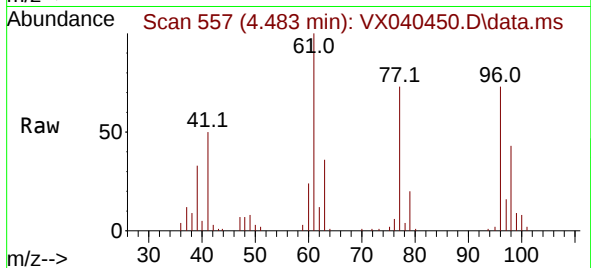
98 62.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#28

Bromochloromethane

Concen: 18.551 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

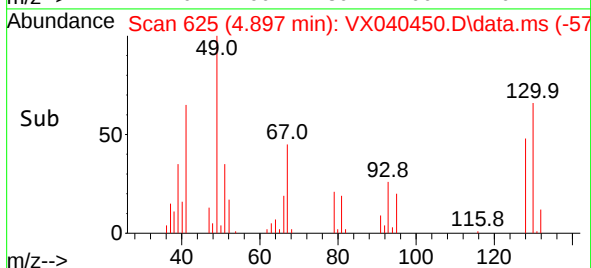
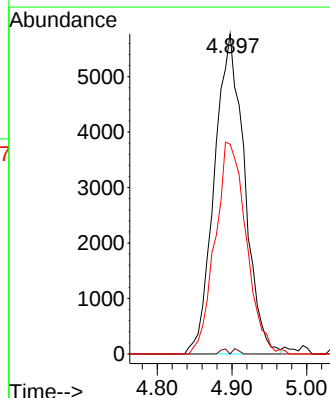
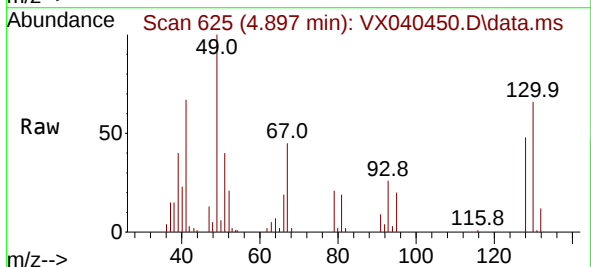
Tgt Ion: 49 Resp: 16121

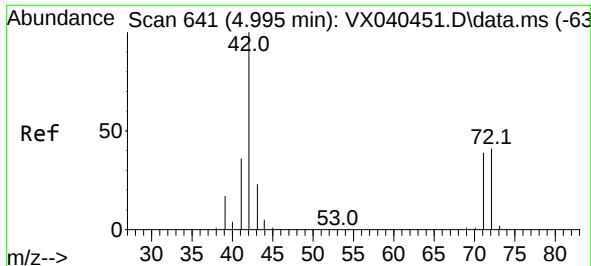
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.8

130 0.0 57.5 86.3#





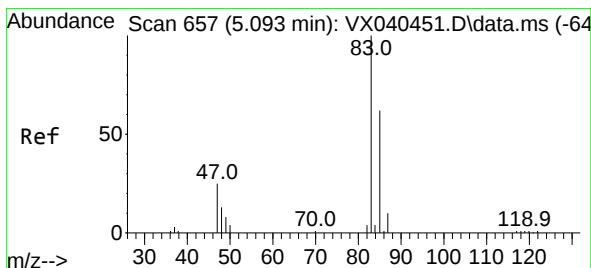
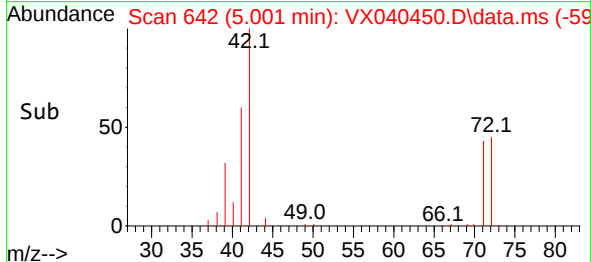
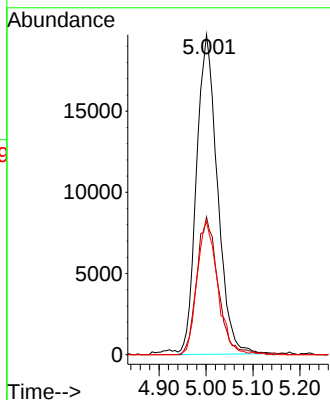
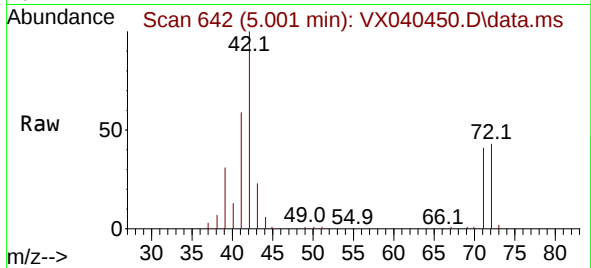
#29
Tetrahydrofuran
Concen: 103.585 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 6107
Ion Ratio Lower Upper
42 100
72 43.7 34.2 51.4
71 40.9 32.2 48.2

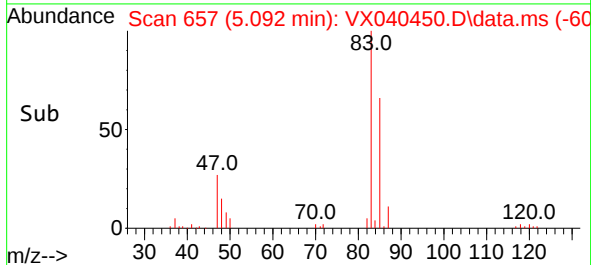
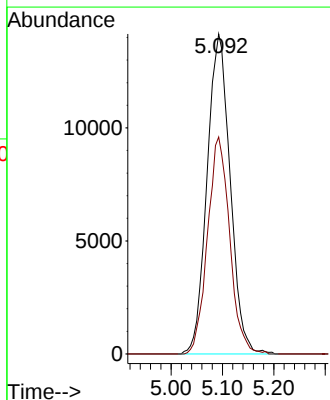
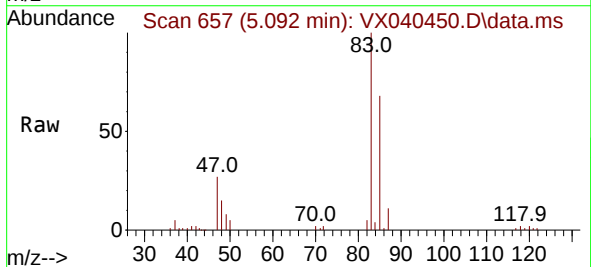
Manual Integrations
APPROVED

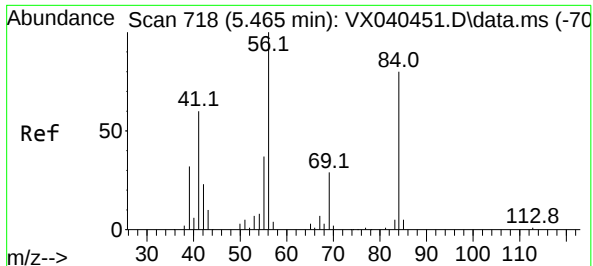
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#30
Chloroform
Concen: 20.016 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

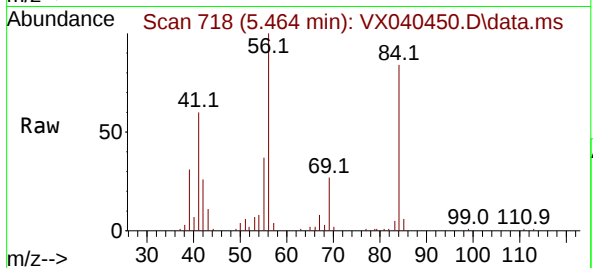
Tgt Ion: 83 Resp: 44136
Ion Ratio Lower Upper
83 100
85 67.8 50.3 75.5





#31
Cyclohexane
Concen: 20.627 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

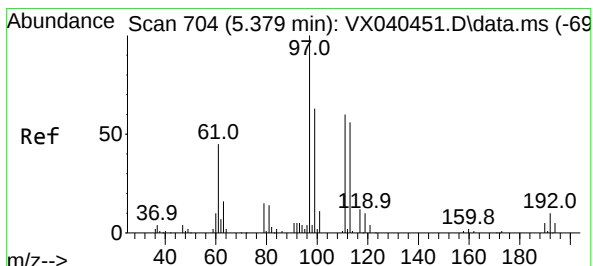
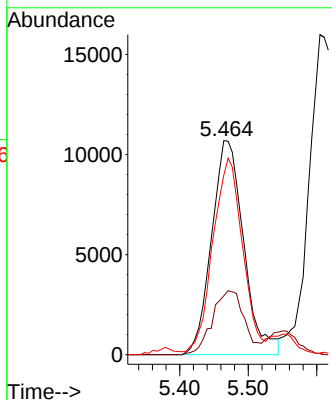
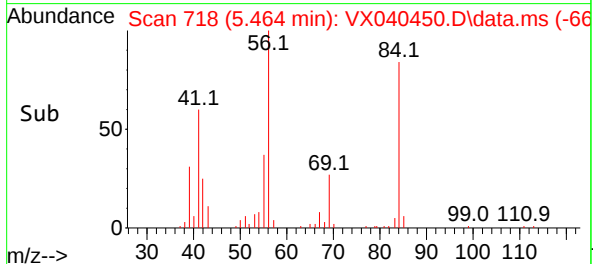
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 3476
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.2
84 82.4 65.9 98.9

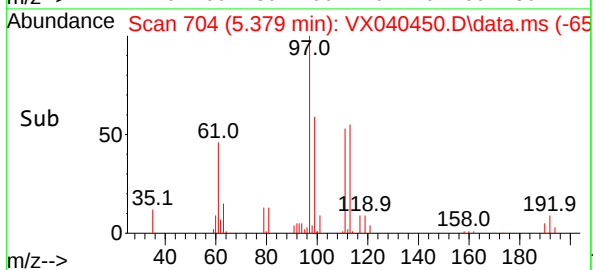
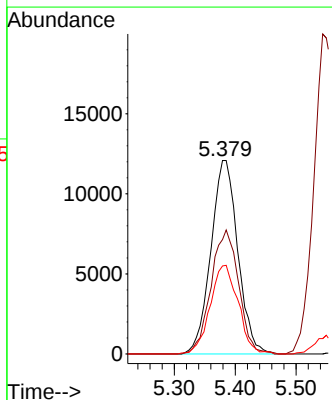
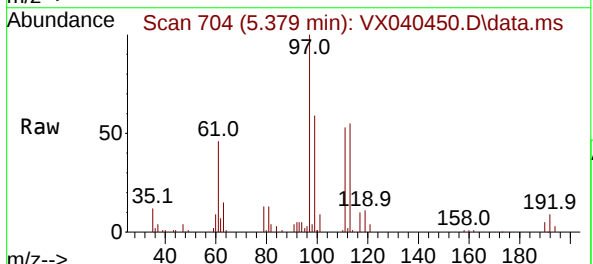
Manual Integrations
APPROVED

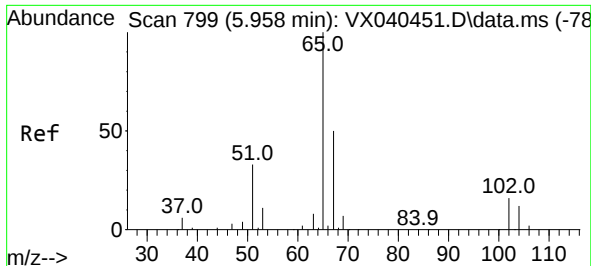
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 19.717 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 97 Resp: 37108
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 47.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.378 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 28820

Ion Ratio Lower Upper

65 100

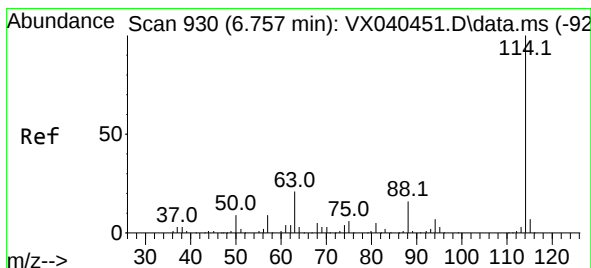
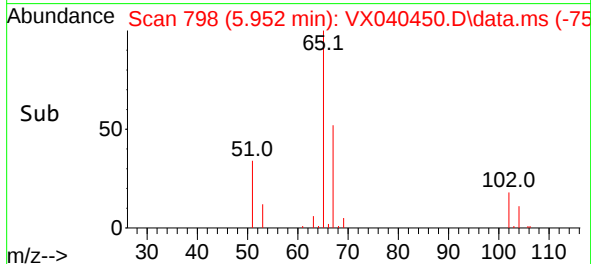
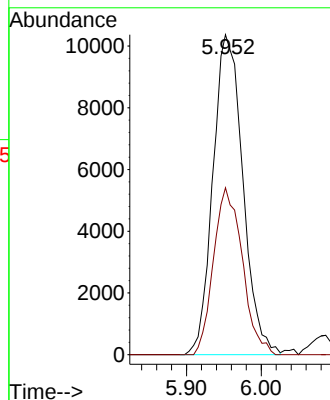
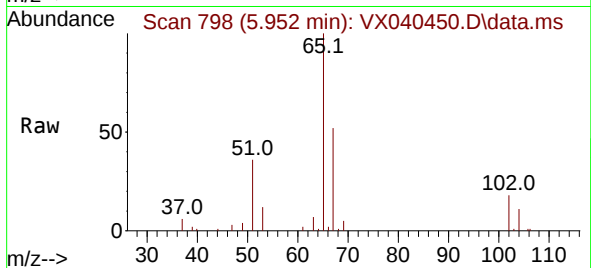
67 50.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

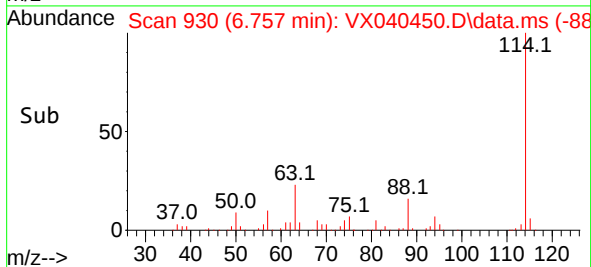
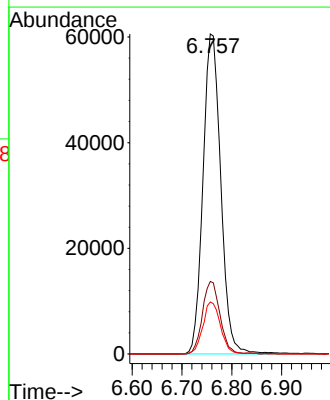
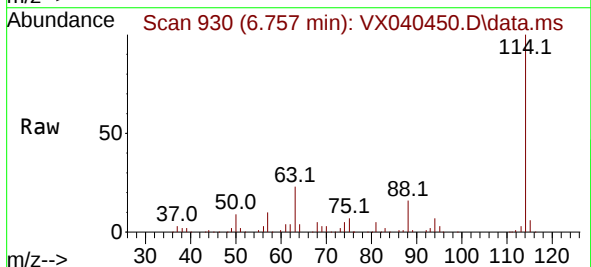
Tgt Ion:114 Resp: 150047

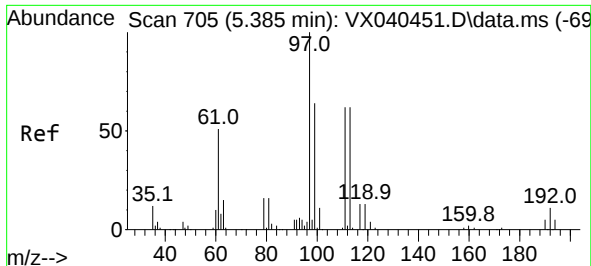
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 19.878 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

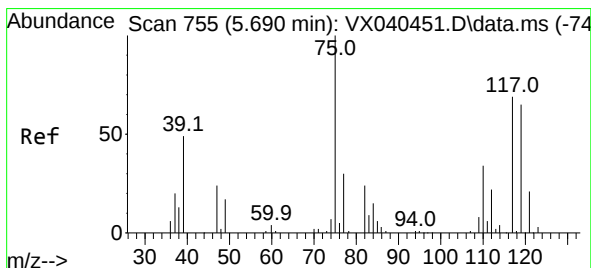
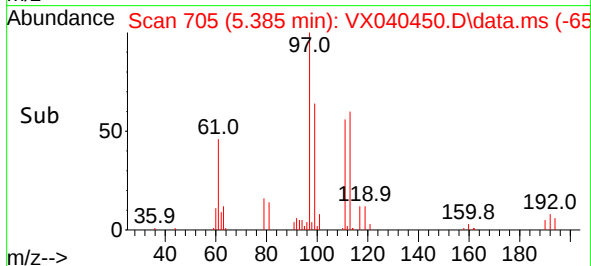
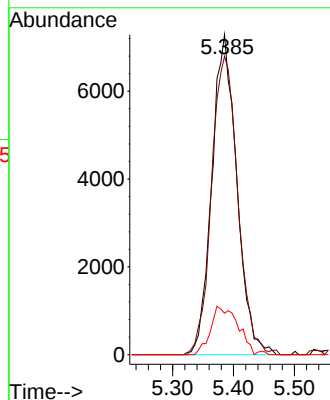
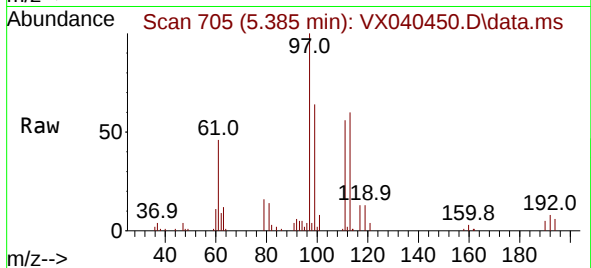
Tgt Ion:	113	Resp:	2074
Ion	Ratio	Lower	Upper
113	100		
111	98.5	82.9	124.3
192	16.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#36

1,1-Dichloropropene

Concen: 20.100 ug/l

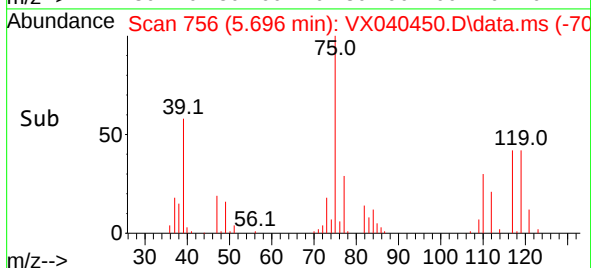
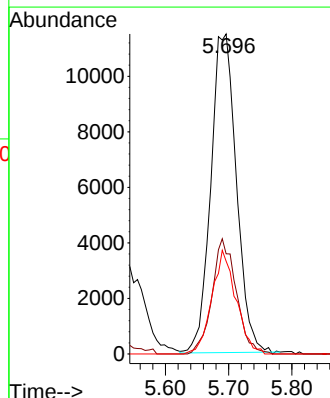
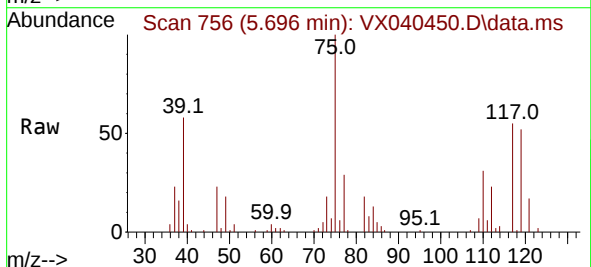
RT: 5.696 min Scan# 756

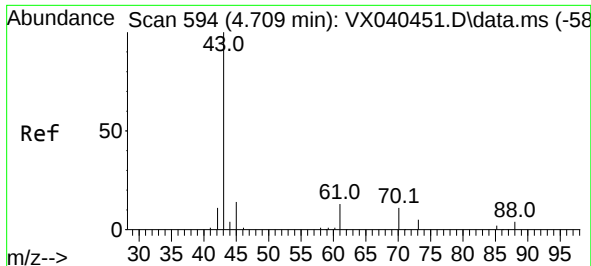
Delta R.T. 0.006 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

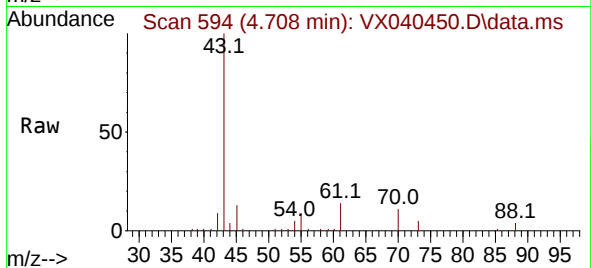
Tgt Ion:	75	Resp:	32313
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.0	50.9
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 19.957 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

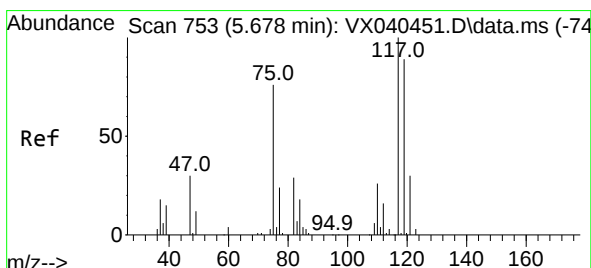
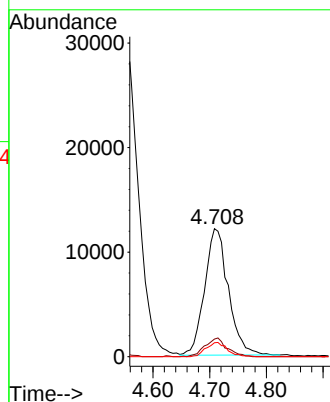
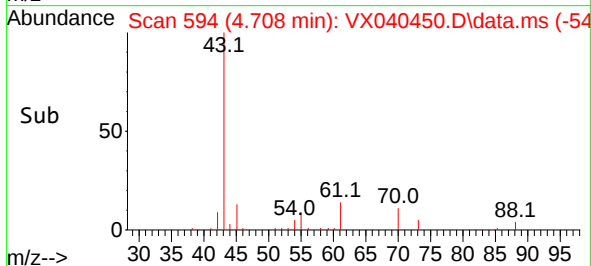
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 3511
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.1 8.3 12.5

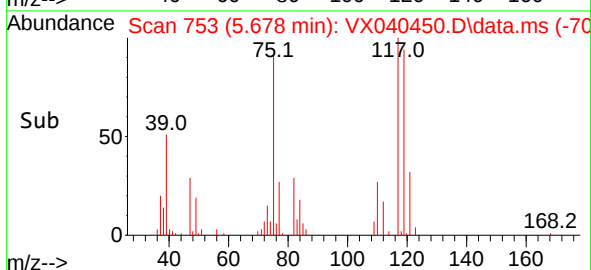
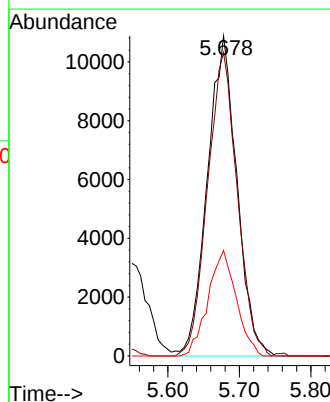
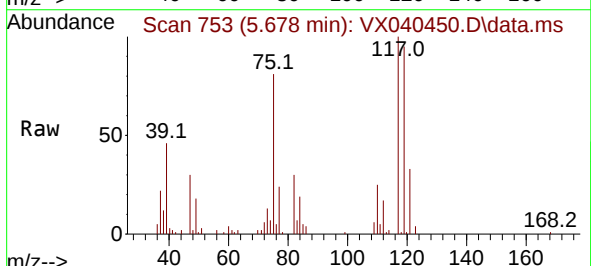
Manual Integrations
APPROVED

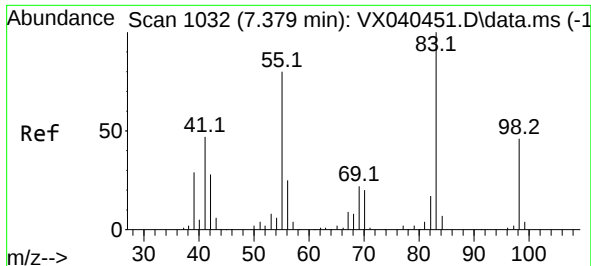
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#38
Carbon Tetrachloride
Concen: 20.040 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:117 Resp: 31123
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 32.9 24.4 36.6





#39
Methylcyclohexane
Concen: 20.673 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

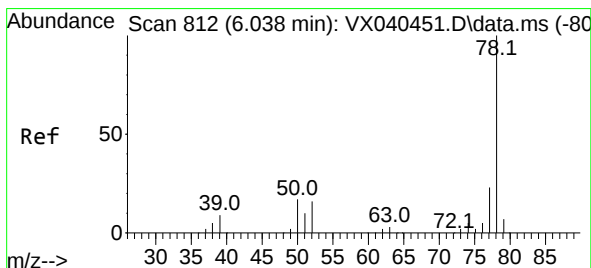
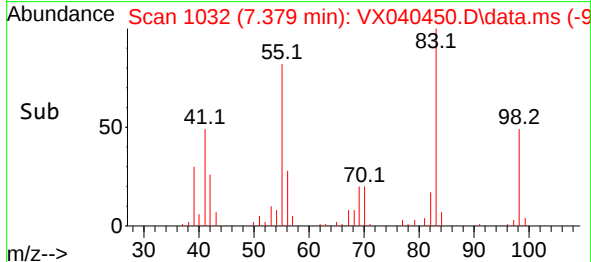
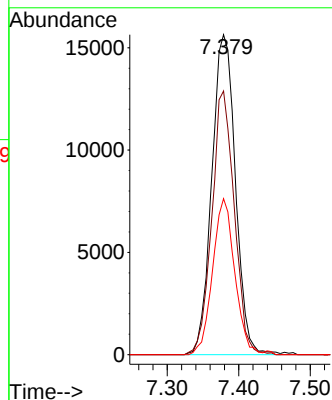
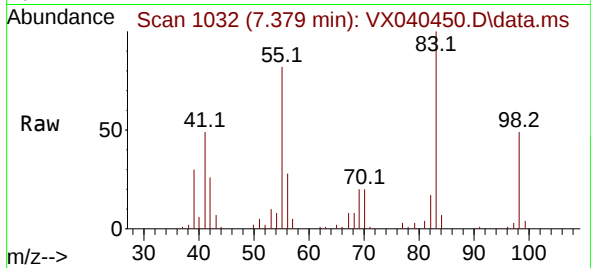
Tgt Ion: 83 Resp: 3588
Ion Ratio Lower Upper
83 100
55 82.4 64.6 97.0
98 48.7 36.7 55.1

Manual Integrations

APPROVED

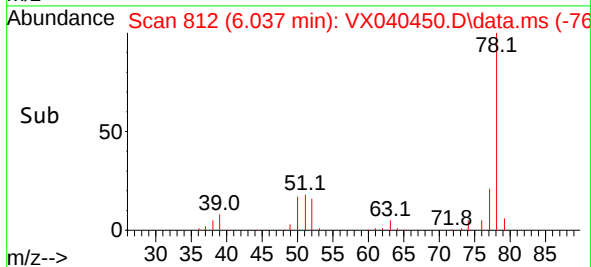
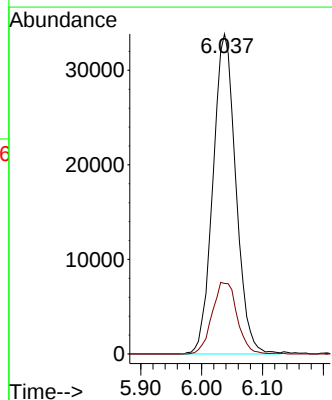
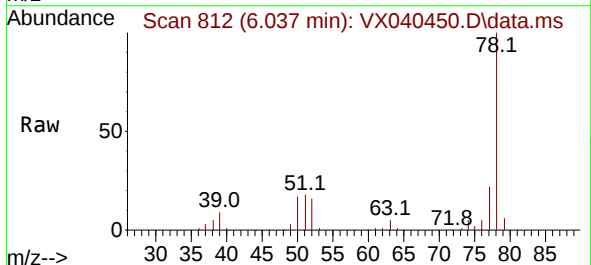
Reviewed By :John Carlone 02/27/2024

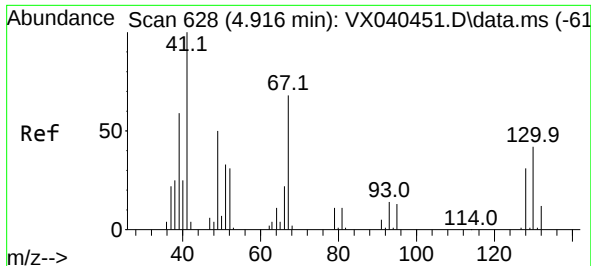
Supervised By :Semsettin Yesilyurt 02/27/2024



#40
Benzene
Concen: 20.301 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 78 Resp: 88359
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9





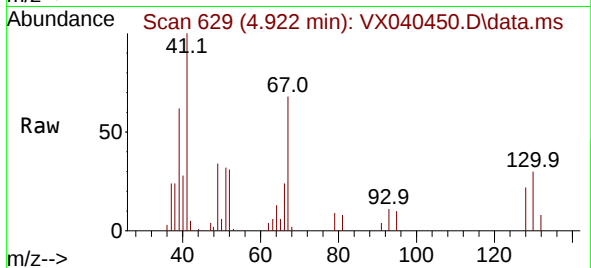
#41
Methacrylonitrile
Concen: 19.125 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



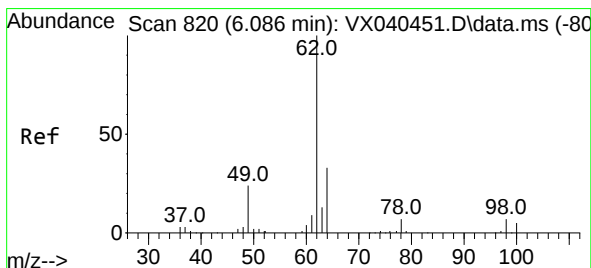
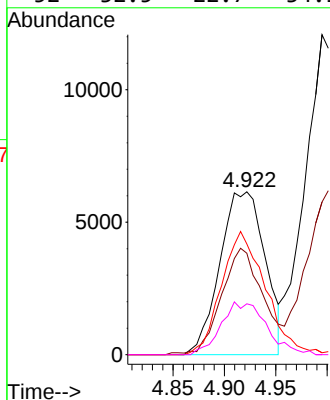
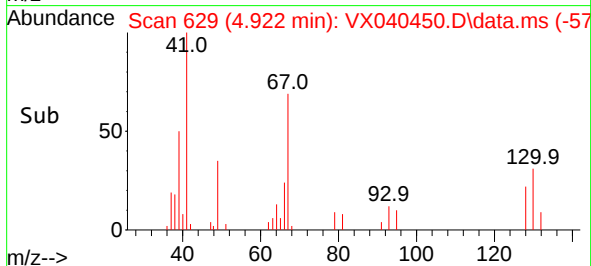
Tgt Ion: 41 Resp: 1879
Ion Ratio Lower Upper
41 100
39 61.0 45.2 67.8
67 74.1 52.6 78.8
52 32.5 22.7 34.1

Manual Integrations

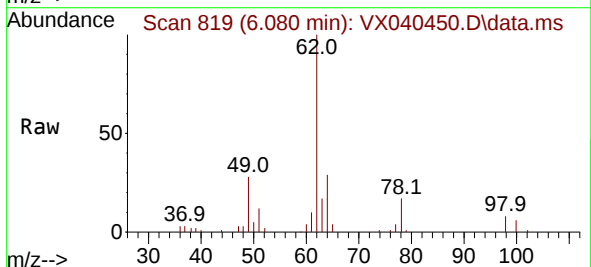
APPROVED

Reviewed By :John Carlone 02/27/2024

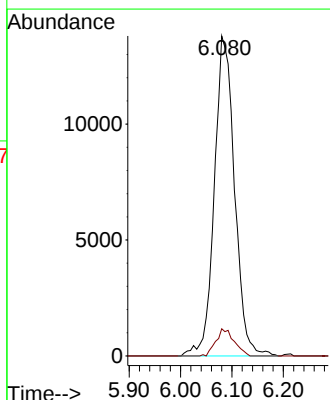
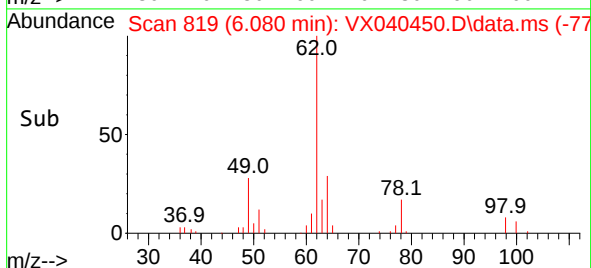
Supervised By :Semsettin Yesilyurt 02/27/2024

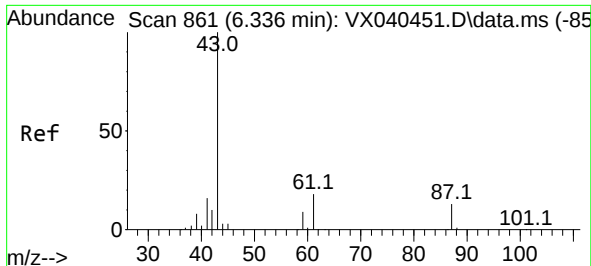


#42
1,2-Dichloroethane
Concen: 20.958 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30



Tgt Ion: 62 Resp: 37754
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.190 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 55738

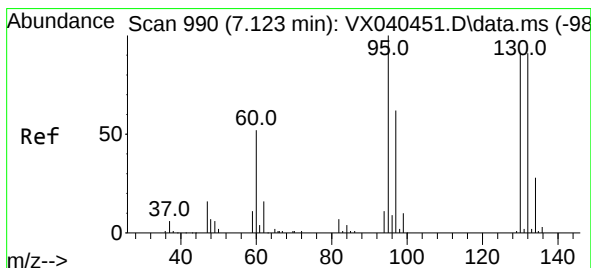
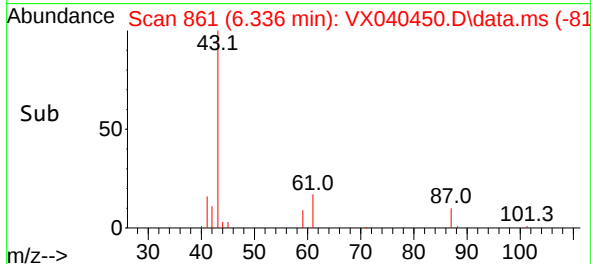
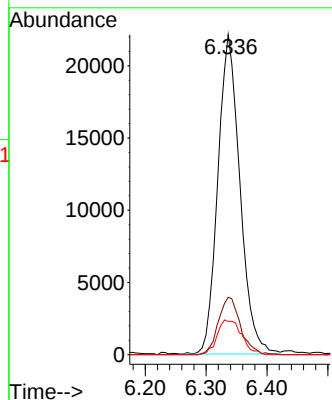
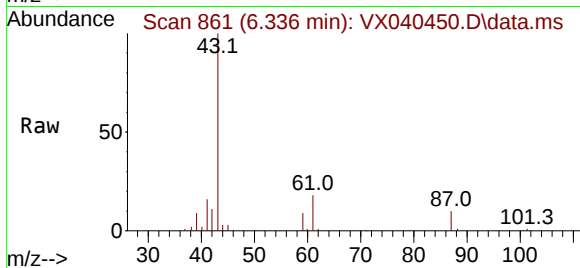
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.2	22.8
87	12.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#44

Trichloroethene

Concen: 19.755 ug/l

RT: 7.123 min Scan# 990

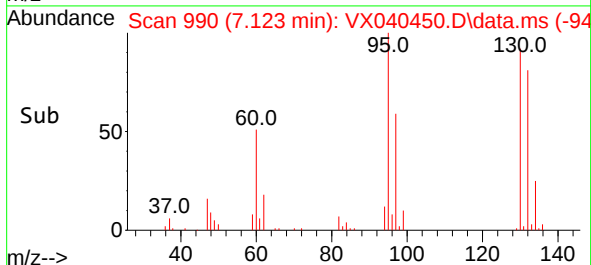
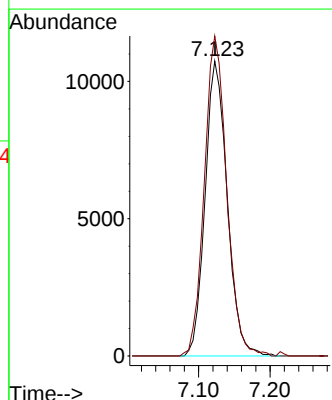
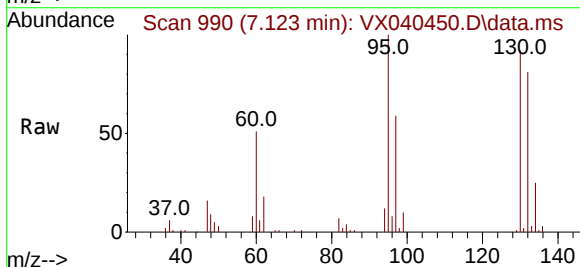
Delta R.T. -0.000 min

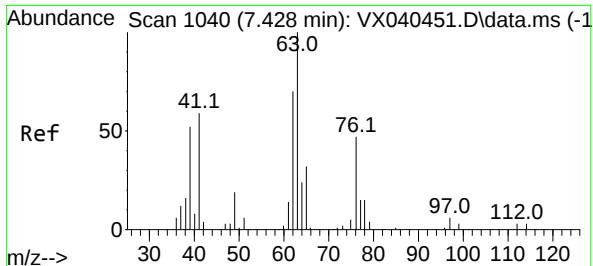
Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Tgt Ion:130 Resp: 23124

Ion	Ratio	Lower	Upper
130	100		
95	108.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.336 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2368

Ion Ratio Lower Upper

63 100

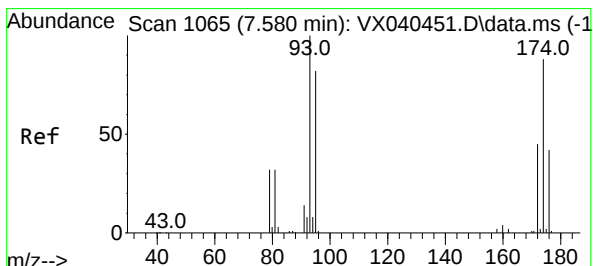
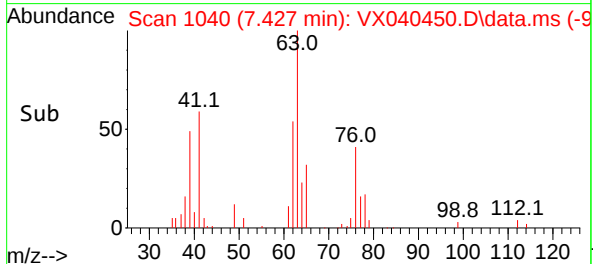
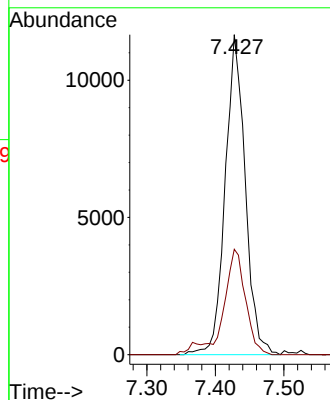
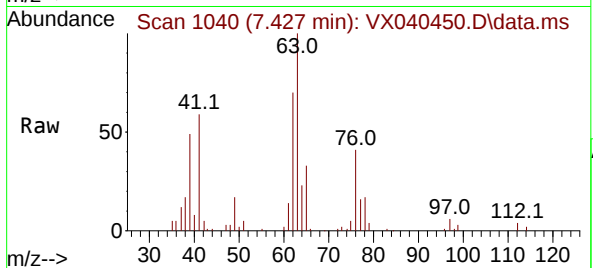
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#46

Dibromomethane

Concen: 20.547 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

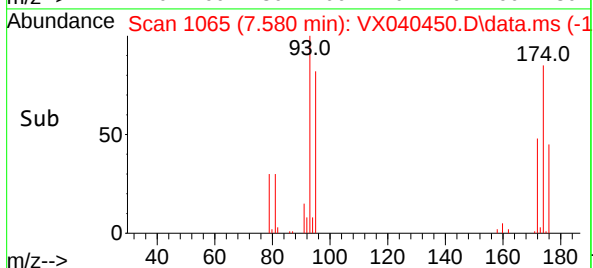
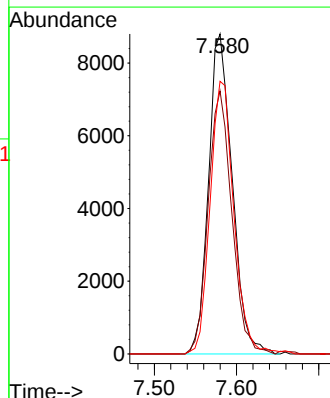
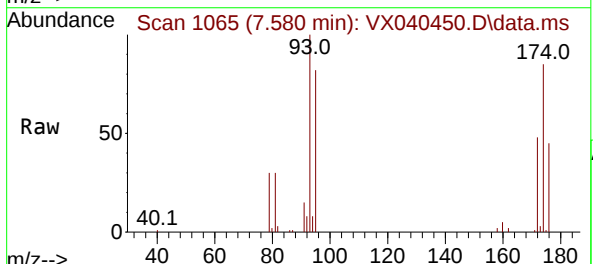
Tgt Ion: 93 Resp: 17596

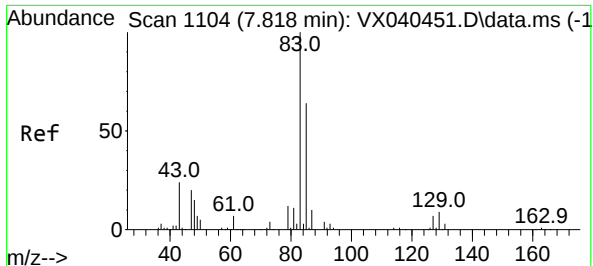
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 85.8 69.4 104.0





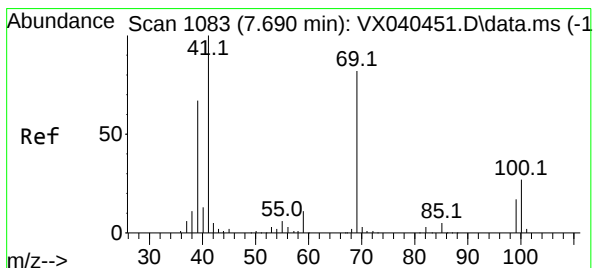
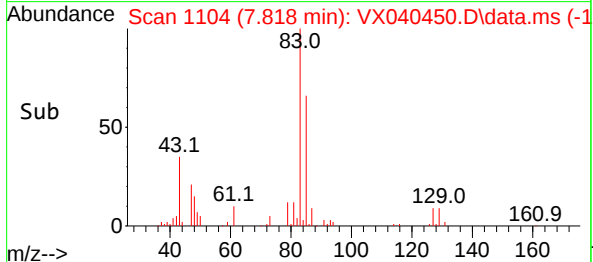
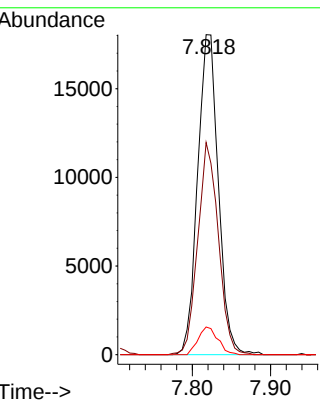
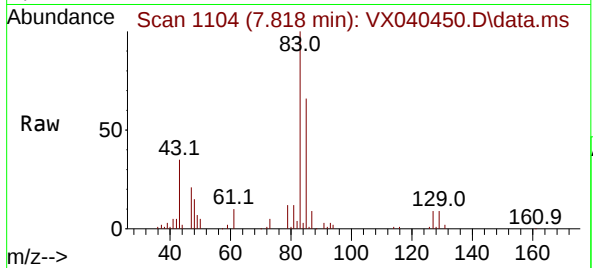
#47
Bromodichloromethane
Concen: 19.682 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3318
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 8.7 7.1 10.7

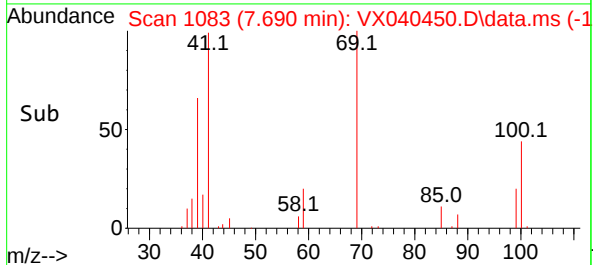
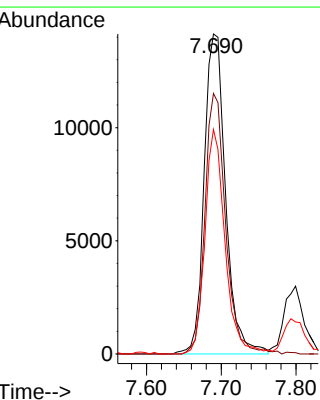
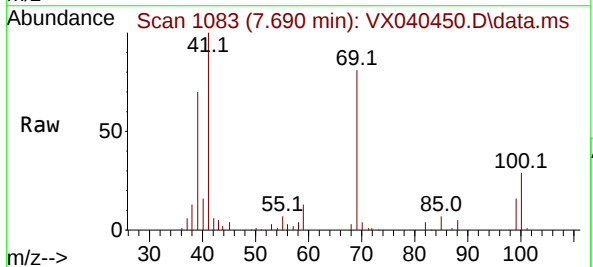
Manual Integrations
APPROVED

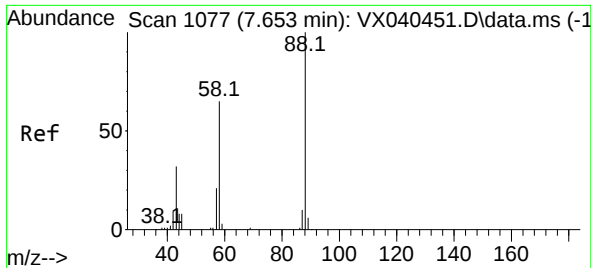
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#48
Methyl methacrylate
Concen: 20.429 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 41 Resp: 28188
Ion Ratio Lower Upper
41 100
69 78.6 59.2 88.8
39 65.6 47.7 71.5





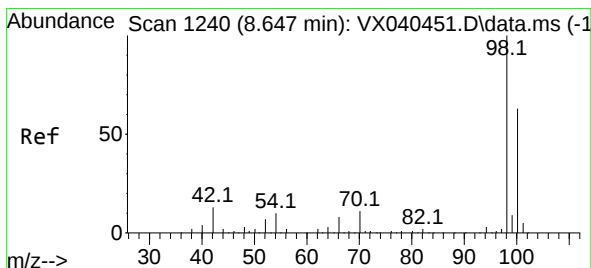
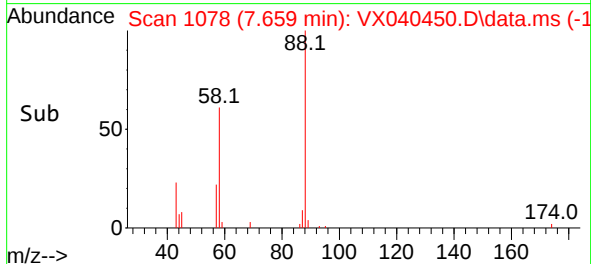
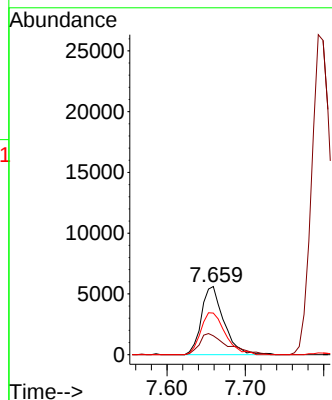
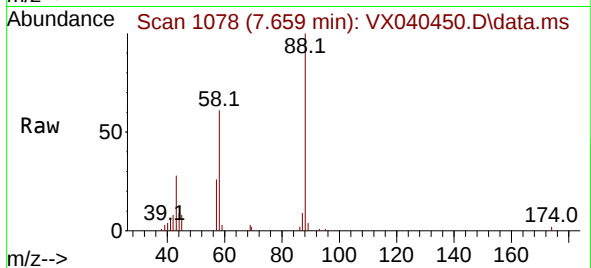
#49
1,4-Dioxane
Concen: 424.837 ug/l
RT: 7.659 min Scan# 11089
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 11089
Ion Ratio Lower Upper
88 100
43 39.1 0.0 0.0
58 67.1 60.1 90.1

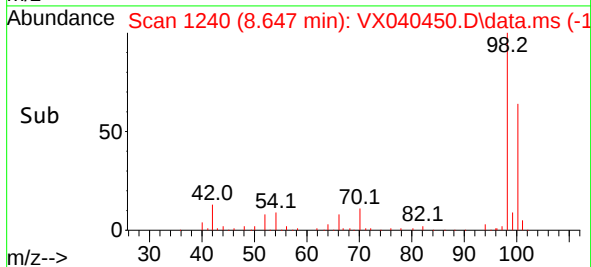
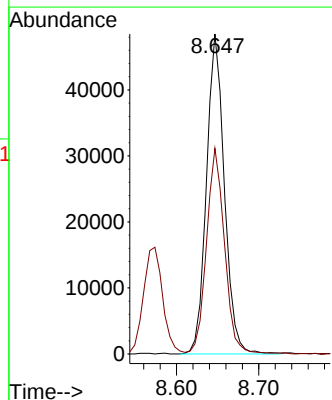
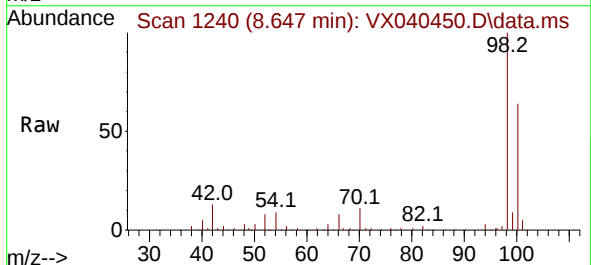
Manual Integrations
APPROVED

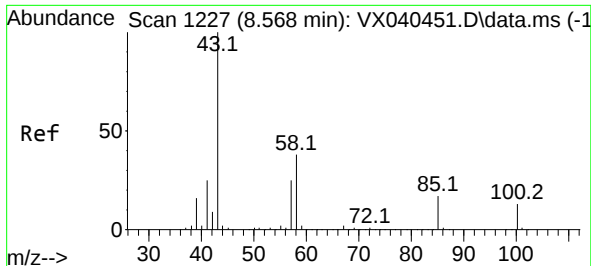
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#50
Toluene-d8
Concen: 19.365 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

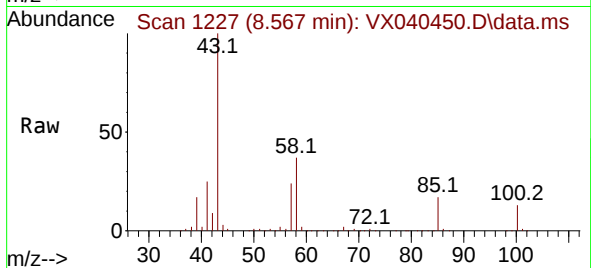
Tgt Ion: 98 Resp: 73346
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 106.111 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

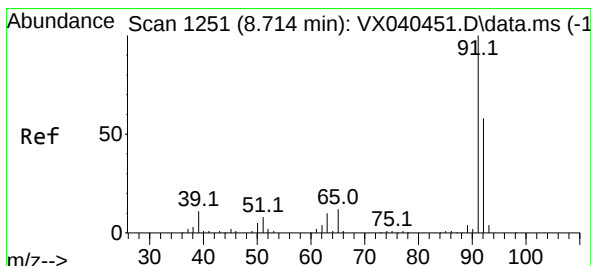
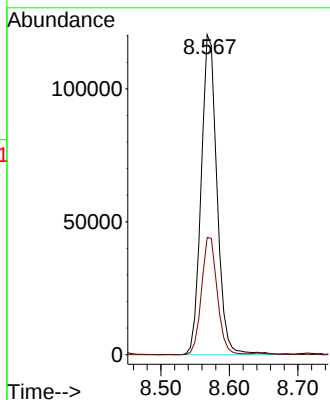
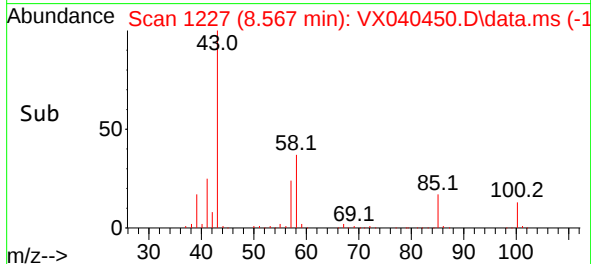
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 193670
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

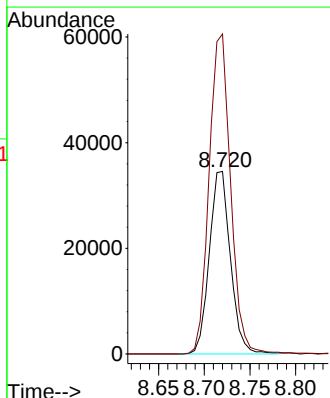
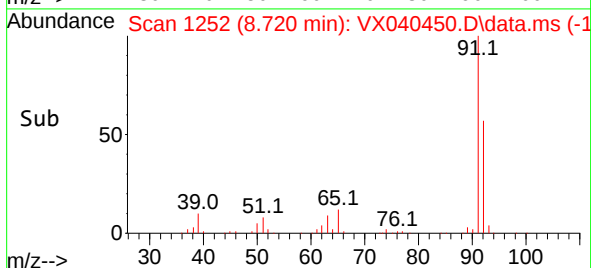
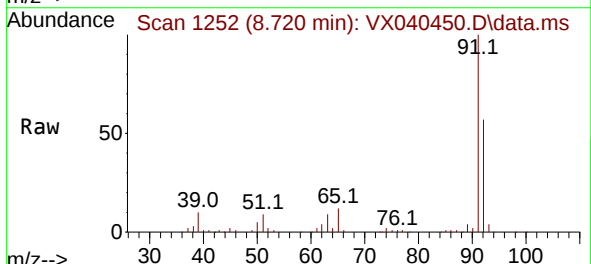
Manual Integrations
APPROVED

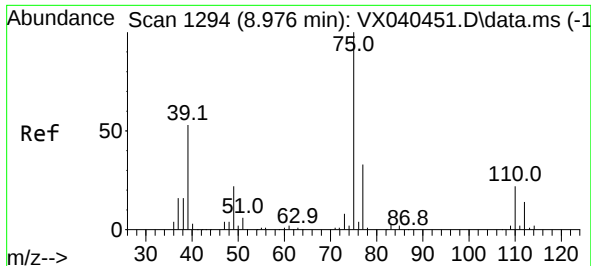
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#52
Toluene
Concen: 20.825 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 92 Resp: 55626
Ion Ratio Lower Upper
92 100
91 178.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.292 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

75 100

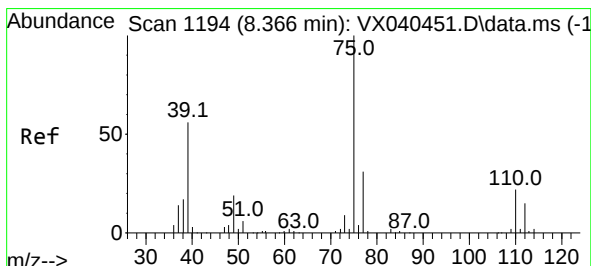
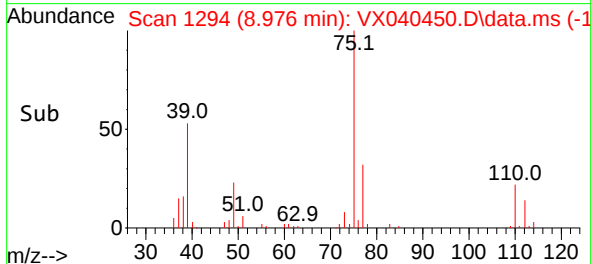
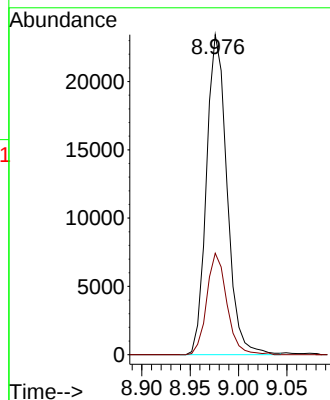
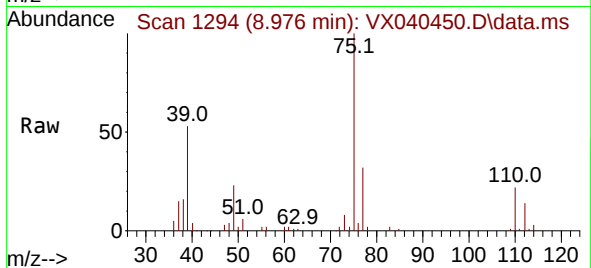
77 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#54

cis-1,3-Dichloropropene

Concen: 20.262 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

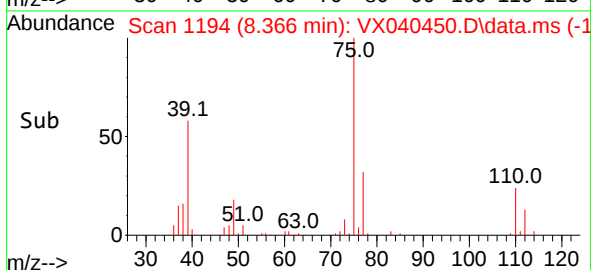
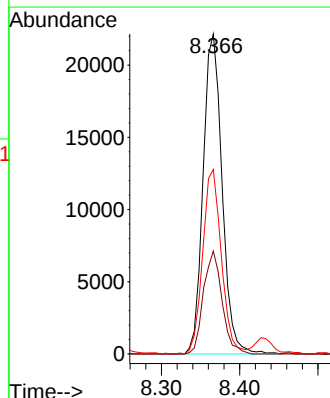
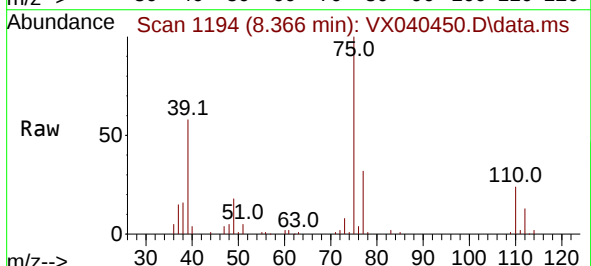
Tgt Ion: 75 Resp: 37269

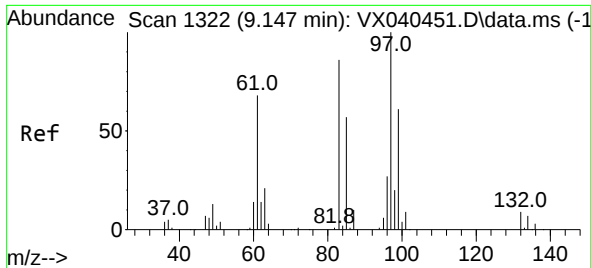
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

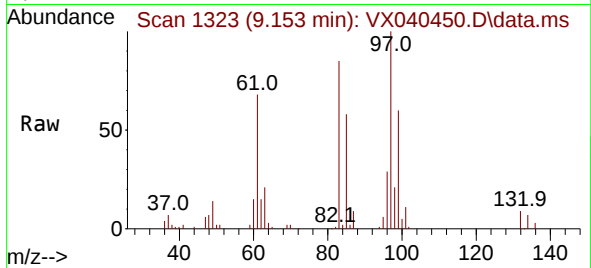
39 57.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.179 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

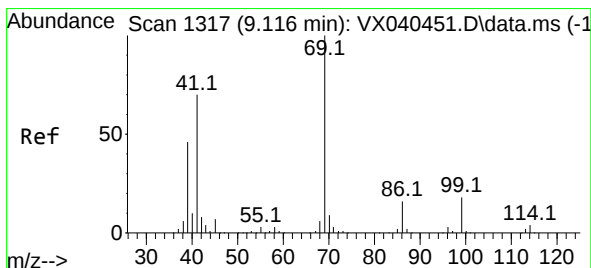
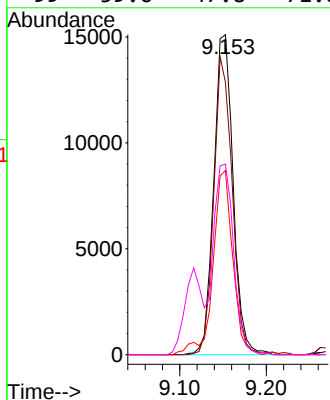
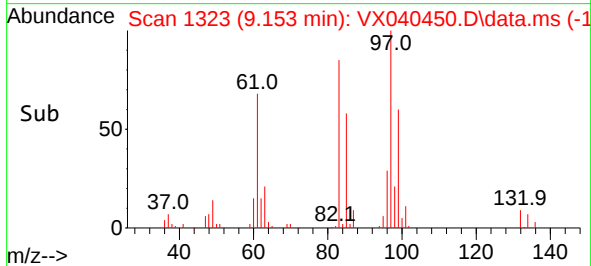
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.8	98.8
85	57.5	41.6	62.4
99	59.6	47.8	71.8

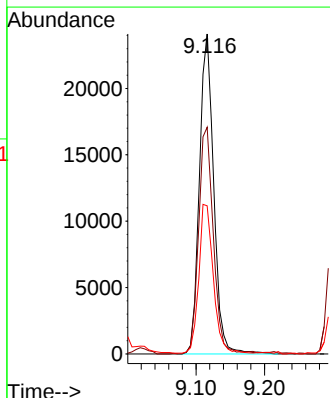
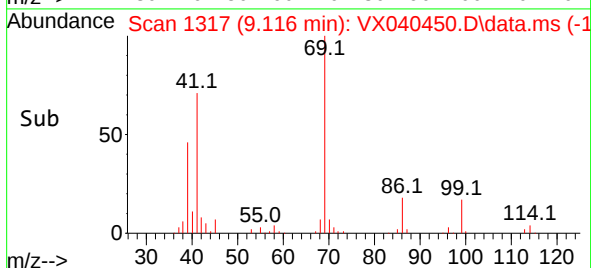
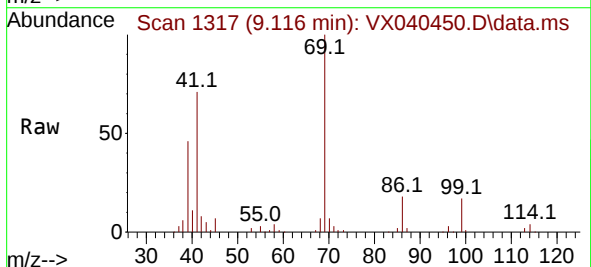
Manual Integrations
APPROVED

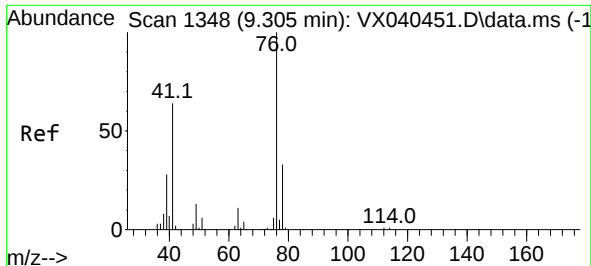
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#56
Ethyl methacrylate
Concen: 20.451 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.9	56.8	85.2
39	47.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.451 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 3948

Ion Ratio Lower Upper

76 100

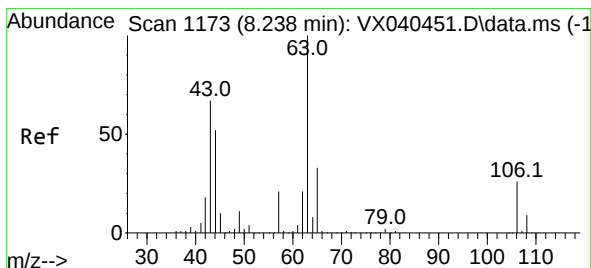
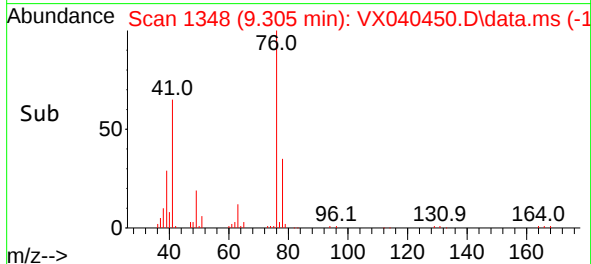
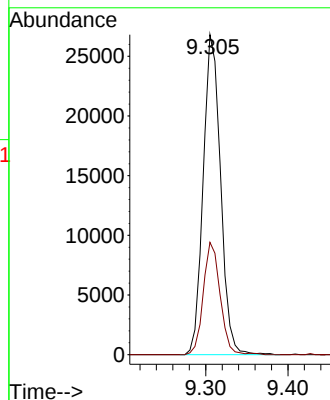
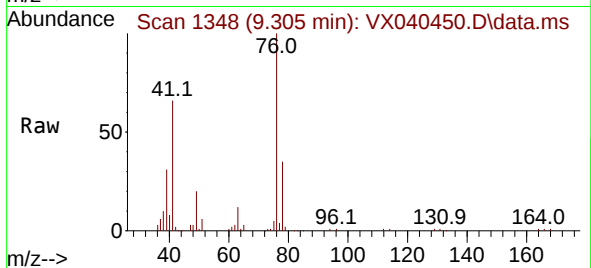
78 34.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#58

2-Chloroethyl Vinyl ether

Concen: 98.572 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040450.D

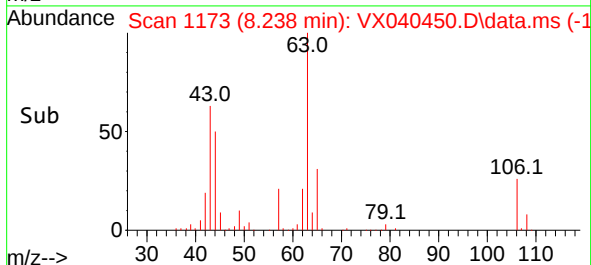
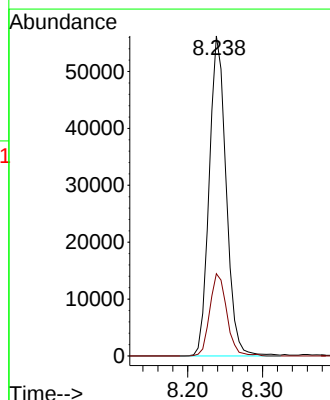
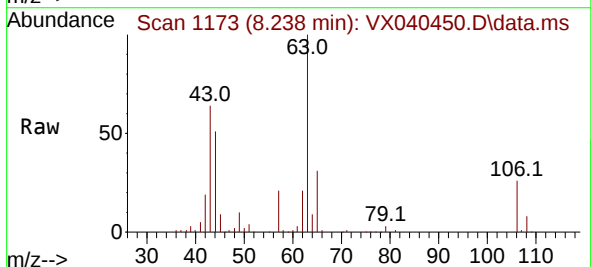
Acq: 26 Feb 2024 10:30

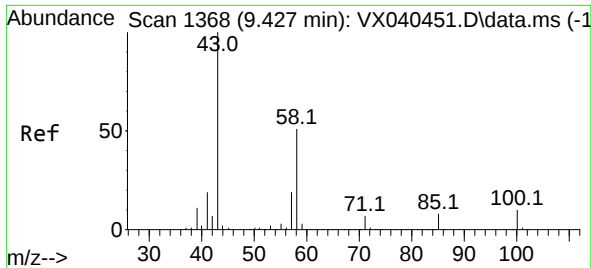
Tgt Ion: 63 Resp: 88581

Ion Ratio Lower Upper

63 100

106 25.7 22.5 33.7





#59

2-Hexanone

Concen: 107.005 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 15016

Ion Ratio Lower Upper

43 100

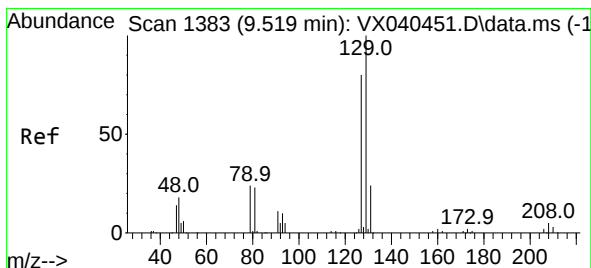
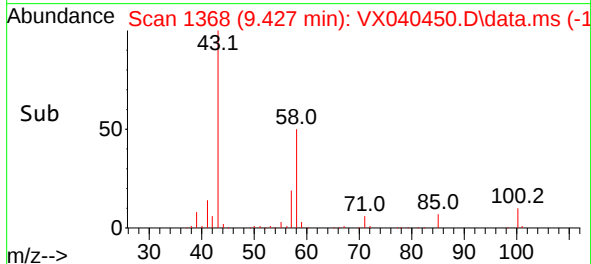
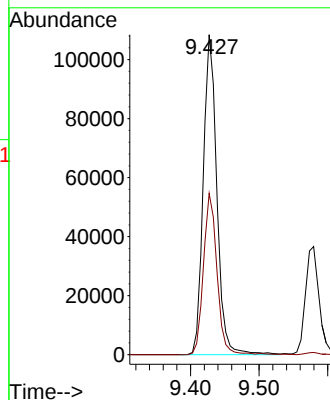
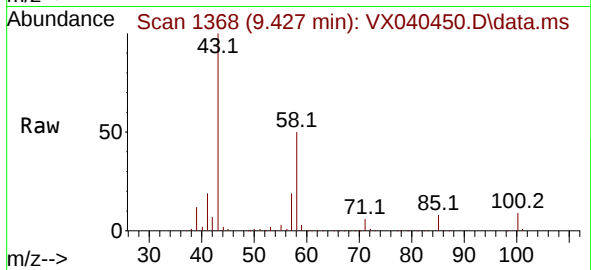
58 49.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#60

Dibromochloromethane

Concen: 20.552 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040450.D

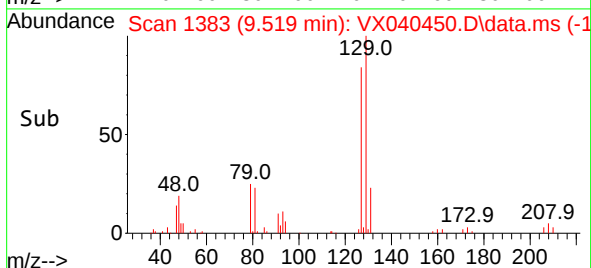
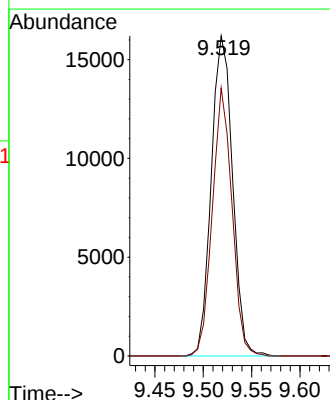
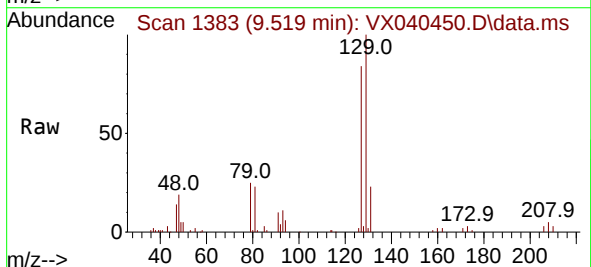
Acq: 26 Feb 2024 10:30

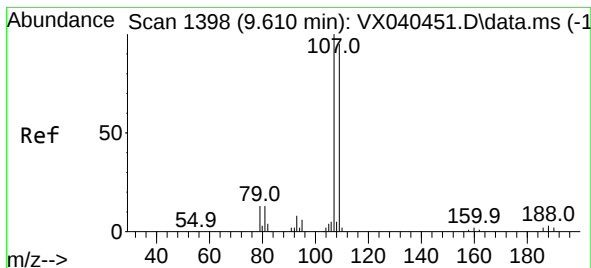
Tgt Ion:129 Resp: 24745

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.4





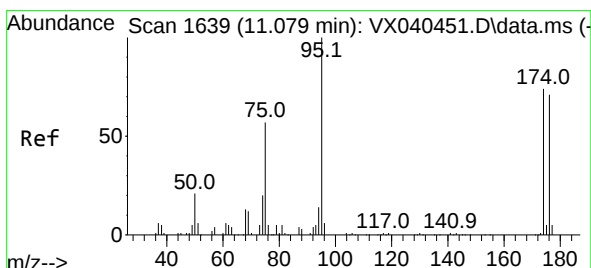
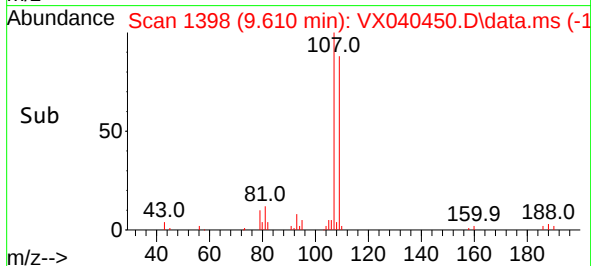
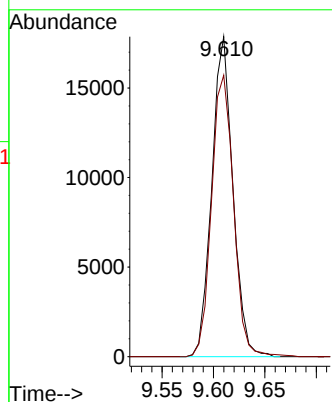
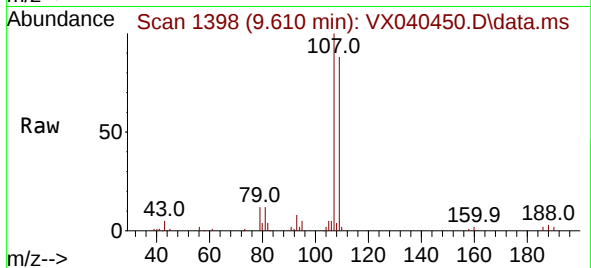
#61
1,2-Dibromoethane
Concen: 21.087 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2550
Ion Ratio Lower Upper
107 100
109 91.9 75.2 112.8

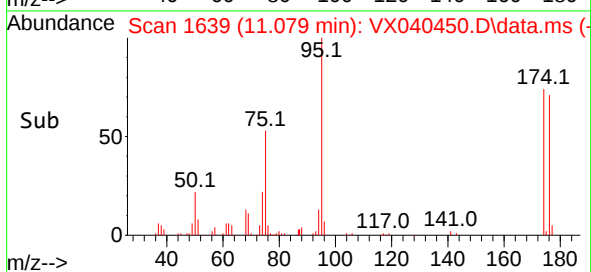
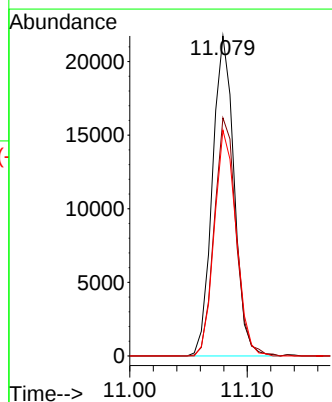
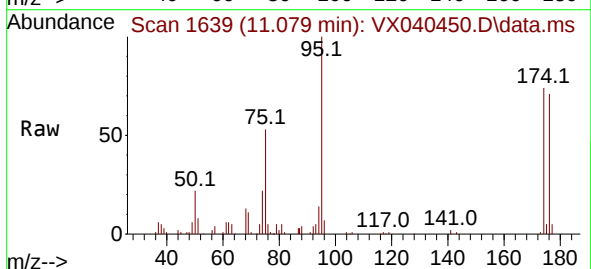
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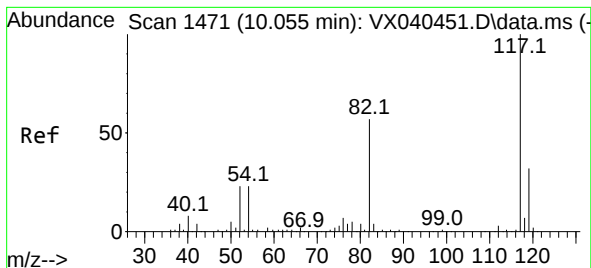
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#62
4-Bromofluorobenzene
Concen: 19.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

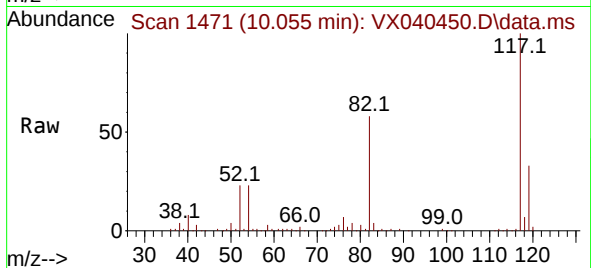
Tgt Ion: 95 Resp: 27931
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

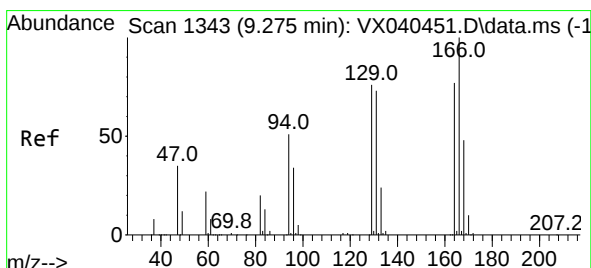
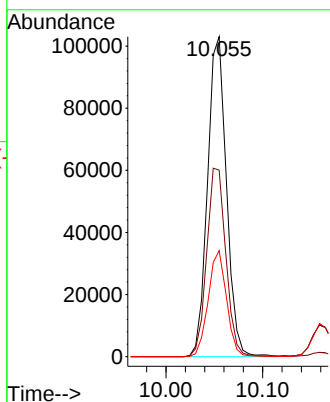
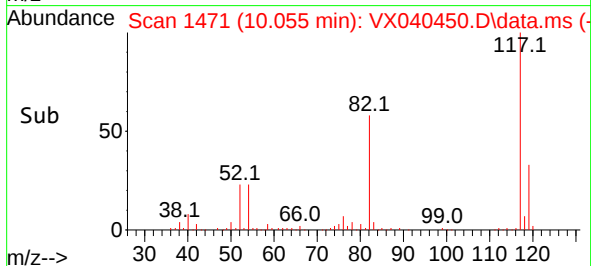
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 14009
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 33.2 25.5 38.3

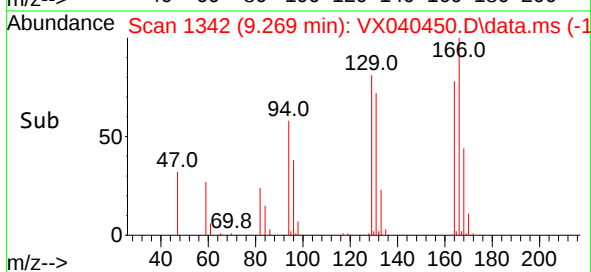
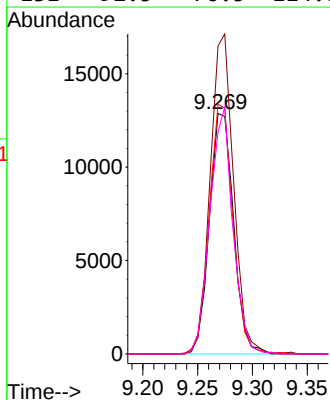
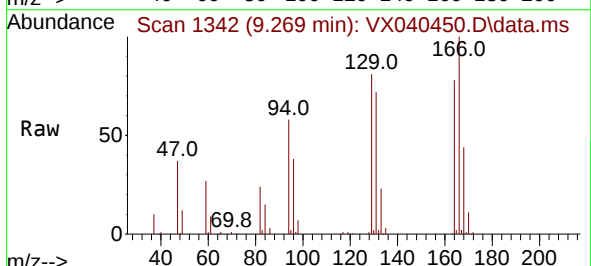
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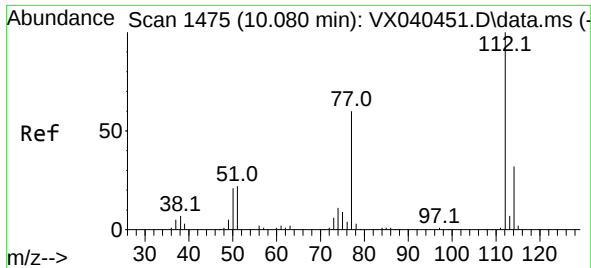
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#64
Tetrachloroethene
Concen: 20.004 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:164 Resp: 19675
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 103.9 80.4 120.6
131 92.5 76.5 114.7





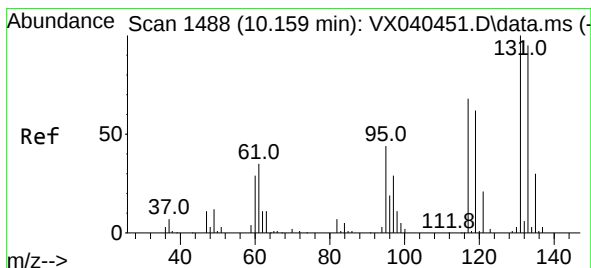
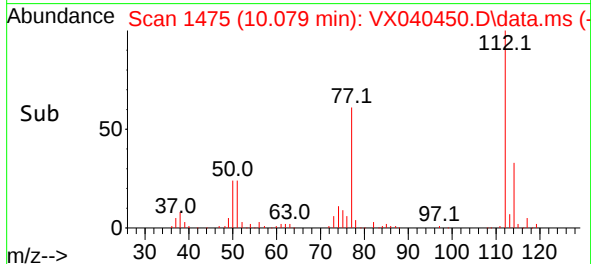
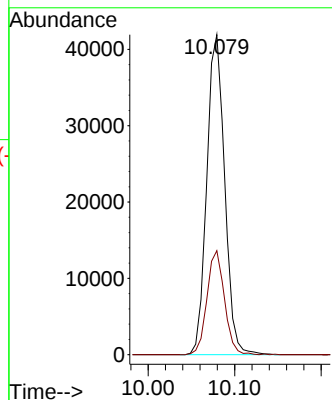
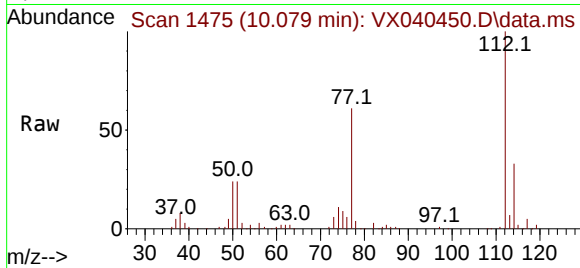
#65
Chlorobenzene
Concen: 20.164 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 6008
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

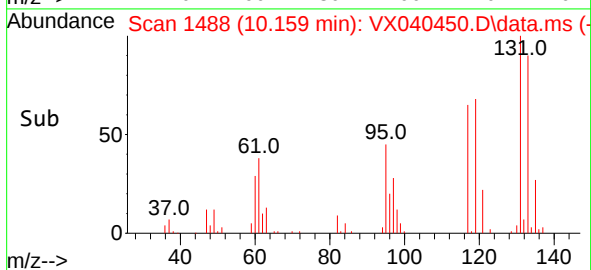
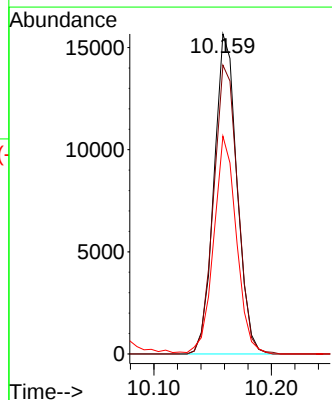
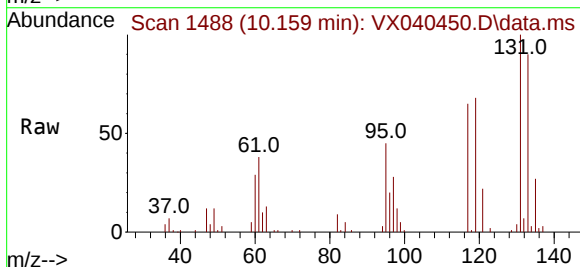
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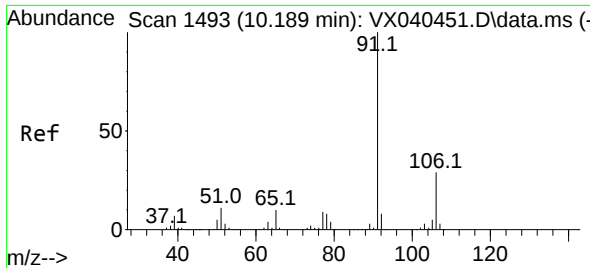
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.233 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:131 Resp: 21248
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 67.5 32.2 96.6





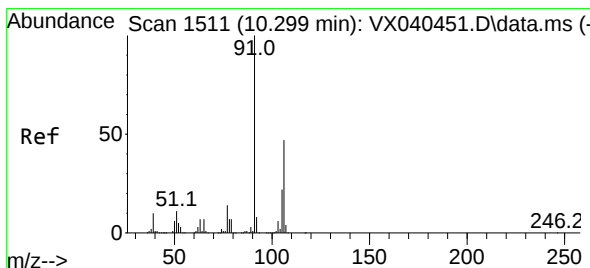
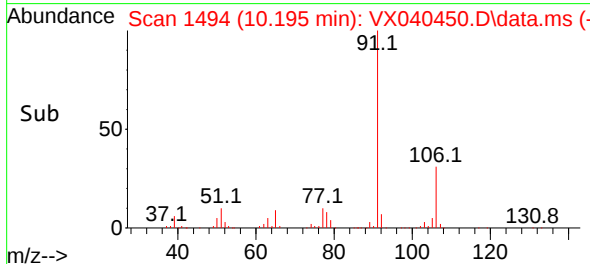
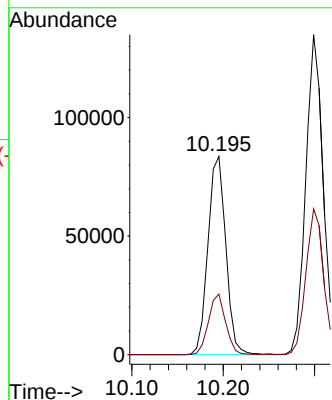
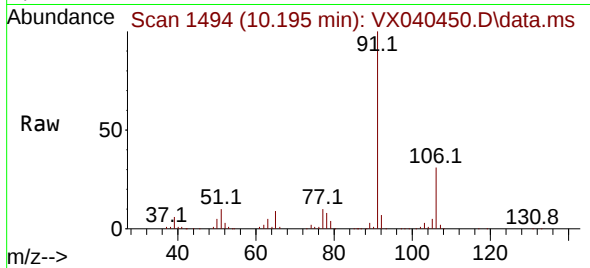
#67
Ethyl Benzene
Concen: 20.798 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 113449
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

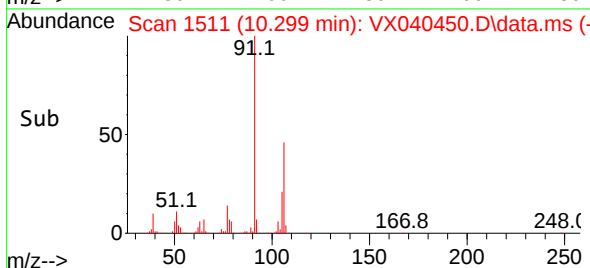
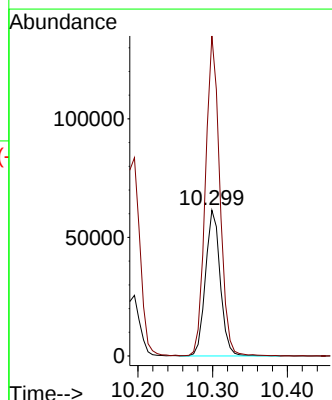
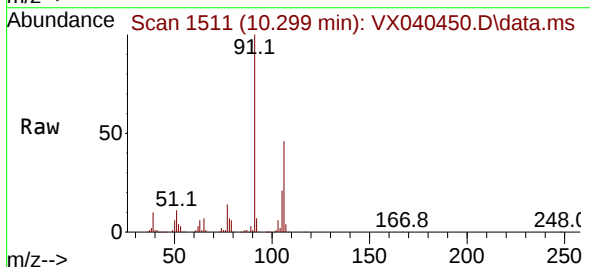
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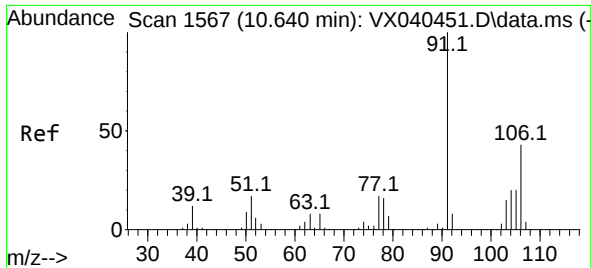
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#68
m/p-Xylenes
Concen: 41.331 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:106 Resp: 84188
Ion Ratio Lower Upper
106 100
91 214.1 165.5 248.3





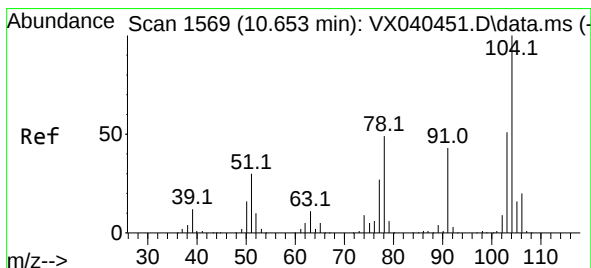
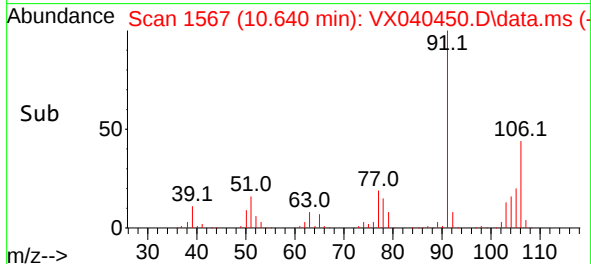
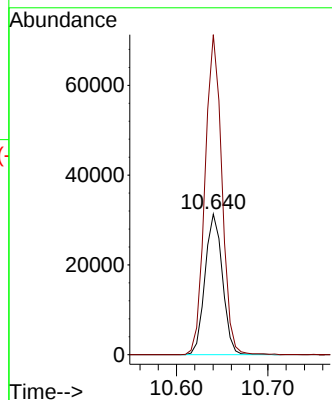
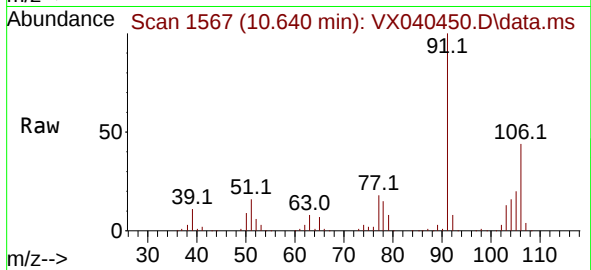
#69
o-Xylene
Concen: 21.296 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 41488
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

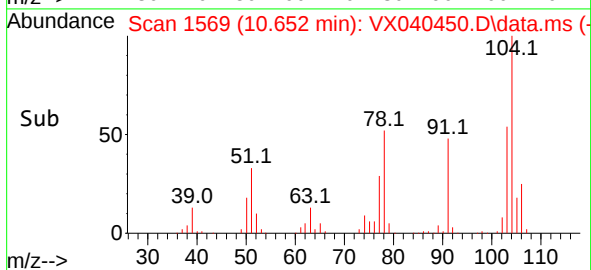
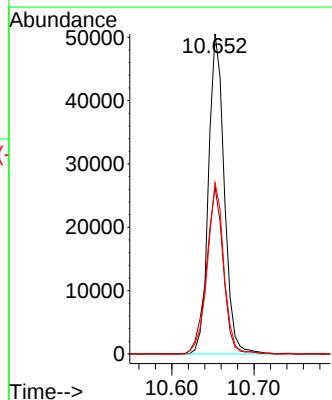
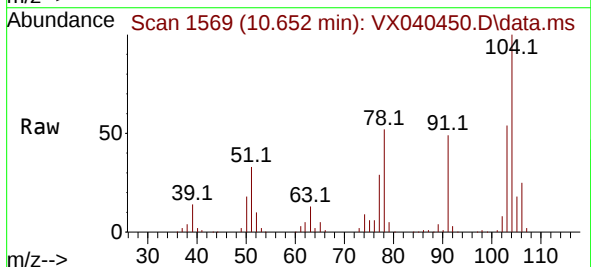
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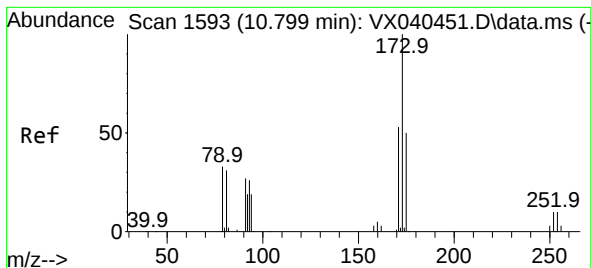
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#70
Styrene
Concen: 20.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:104 Resp: 67274
Ion Ratio Lower Upper
104 100
78 56.1 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 20.222 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

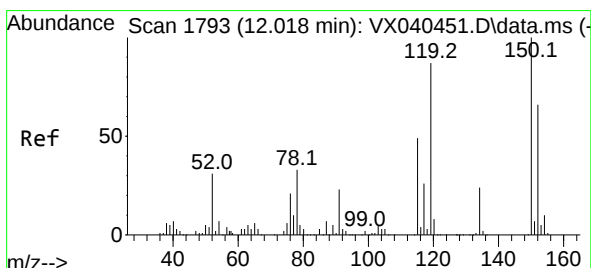
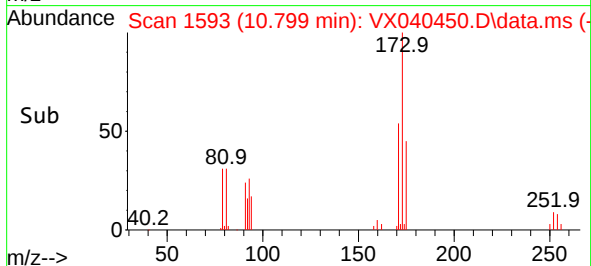
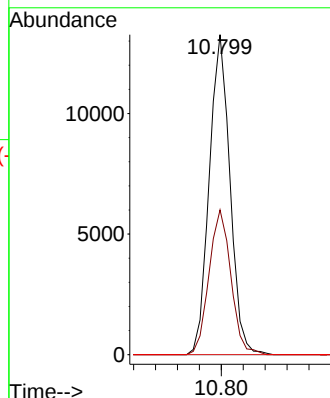
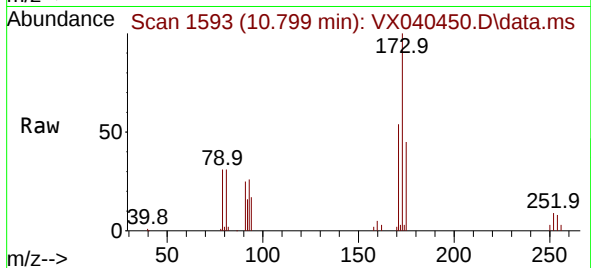
Tgt Ion:173	Resp:	17384
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

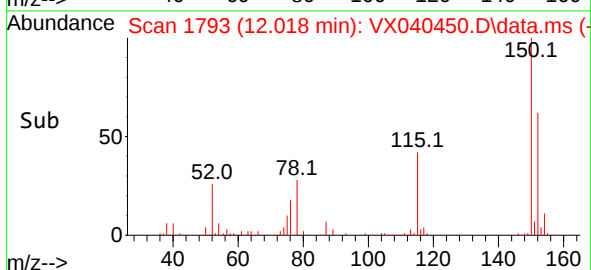
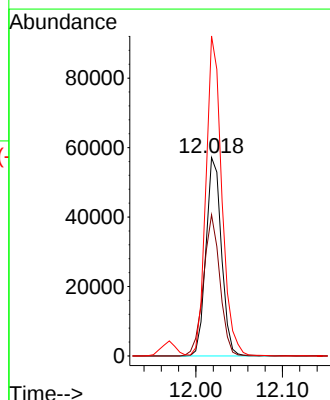
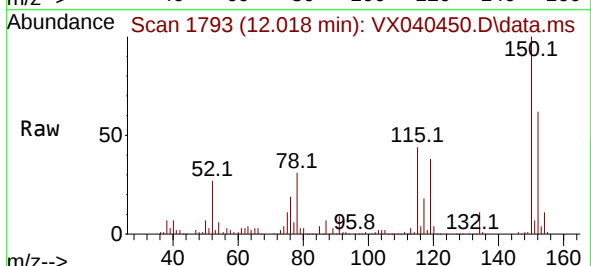
RT: 12.018 min Scan# 1793

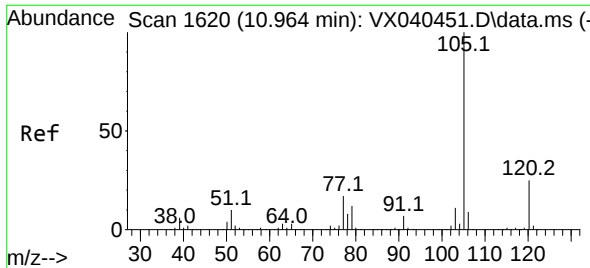
Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Tgt Ion:152	Resp:	70908
Ion Ratio	Lower	Upper
152	100	
115	75.3	43.3 129.9
150	165.0	0.0 345.0





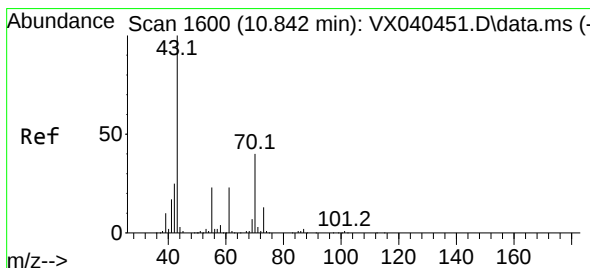
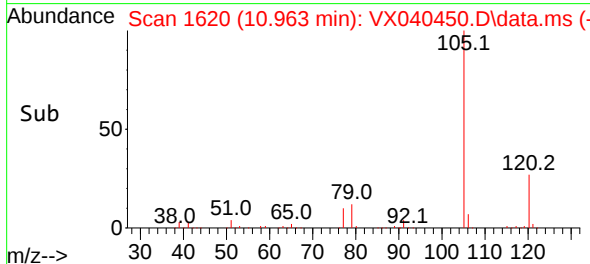
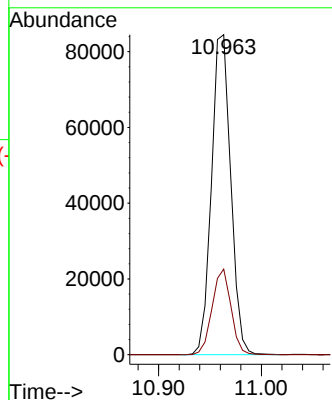
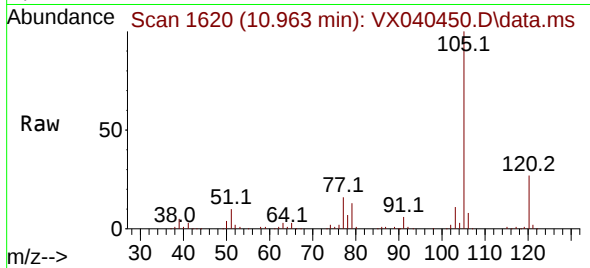
#73
Isopropylbenzene
Concen: 21.139 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 11038
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

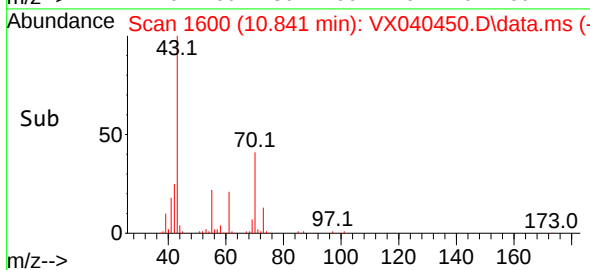
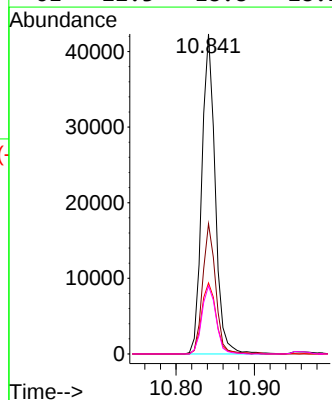
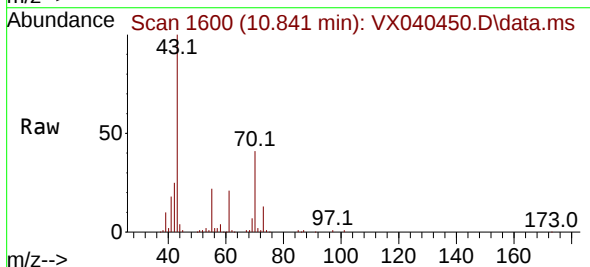
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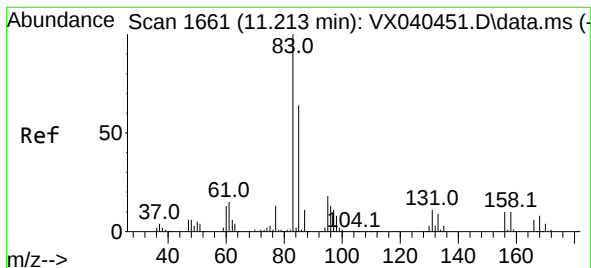
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#74
N-ethyl acetate
Concen: 20.668 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 43 Resp: 50126
Ion Ratio Lower Upper
43 100
70 39.4 32.9 49.3
55 24.1 19.3 28.9
61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.020 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 39698

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

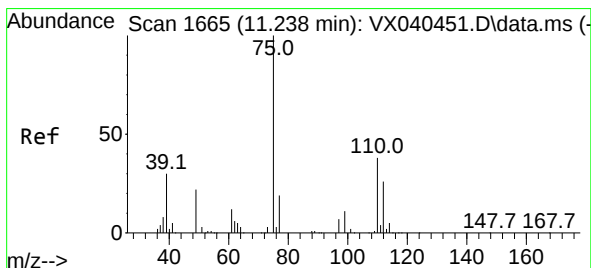
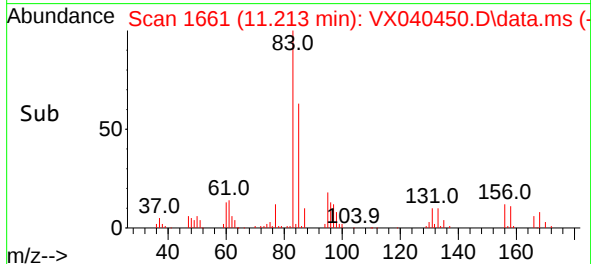
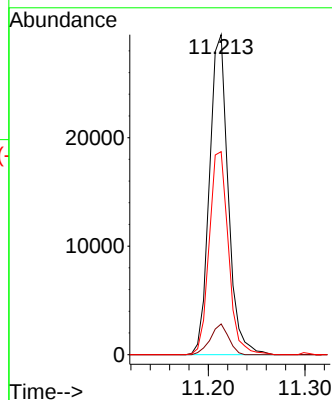
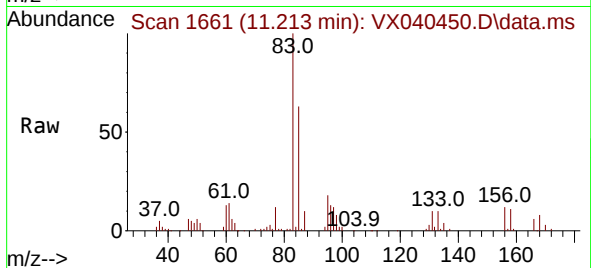
85 65.0 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 20.232 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040450.D

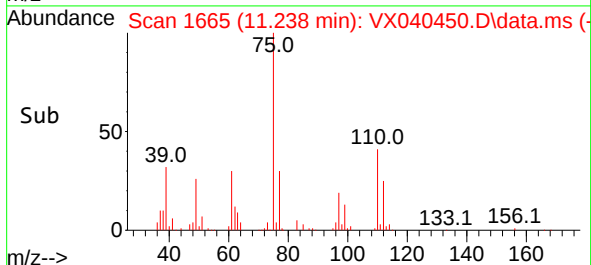
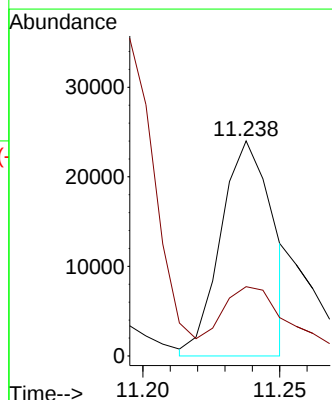
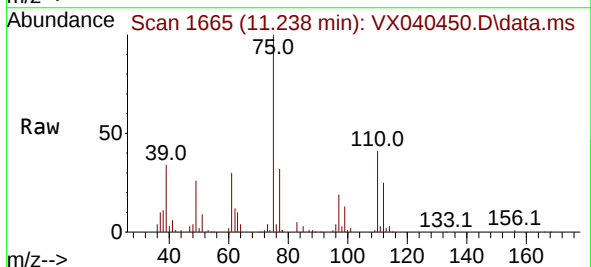
Acq: 26 Feb 2024 10:30

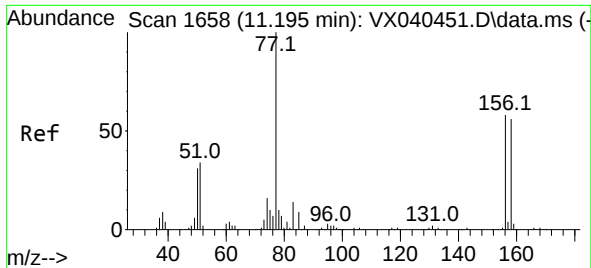
Tgt Ion: 75 Resp: 31573

Ion Ratio Lower Upper

75 100

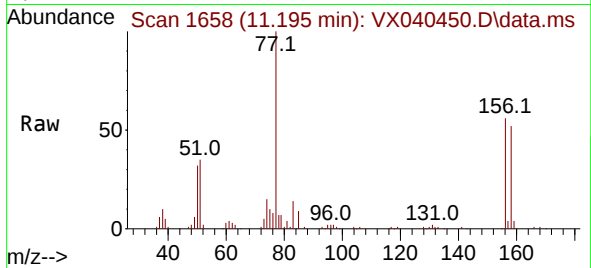
77 42.3 19.1 57.5





#77
Bromobenzene
Concen: 20.833 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

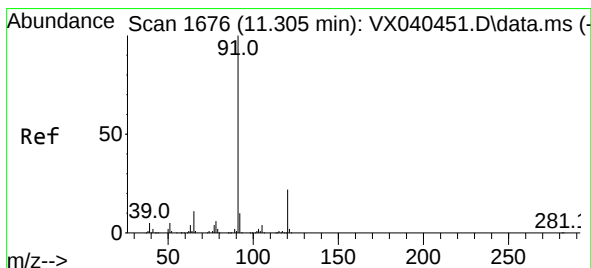
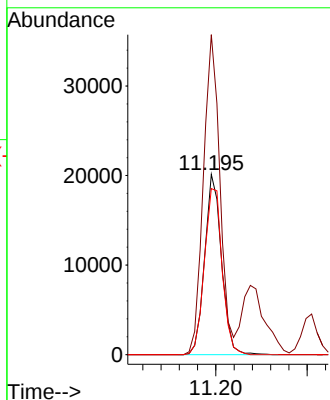
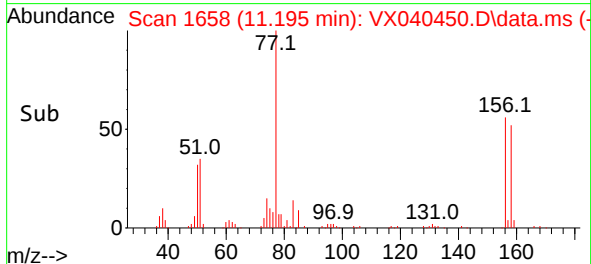
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



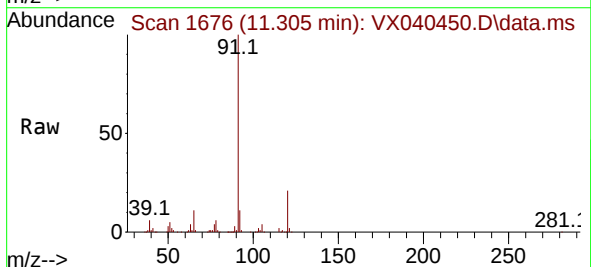
Tgt Ion:156 Resp: 25724
Ion Ratio Lower Upper
156 100
77 173.9 88.4 265.3
158 97.4 48.0 144.0

Manual Integrations
APPROVED

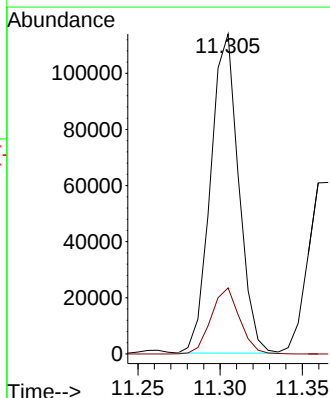
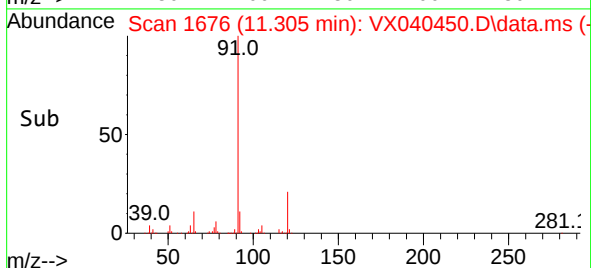
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

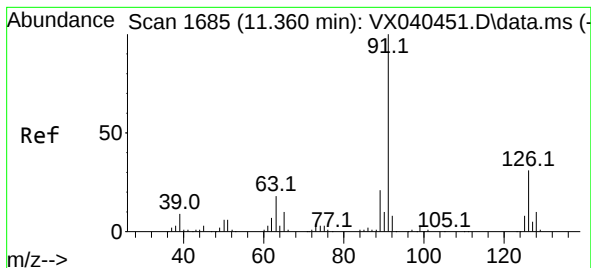


#78
n-propylbenzene
Concen: 20.900 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30



Tgt Ion: 91 Resp: 135376
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.485 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 79870

Ion Ratio Lower Upper

91 100

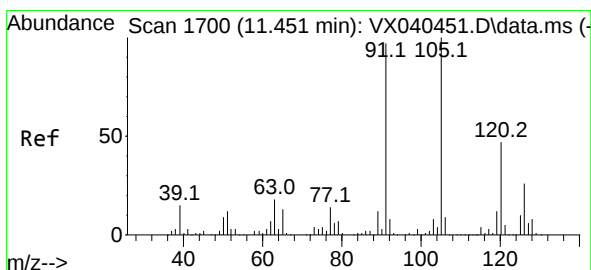
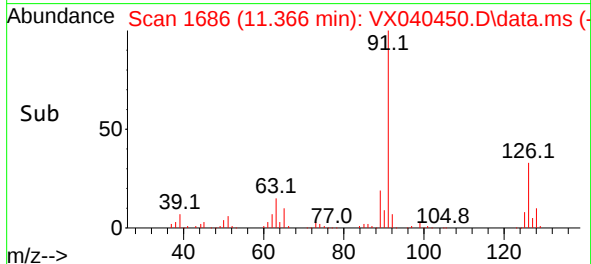
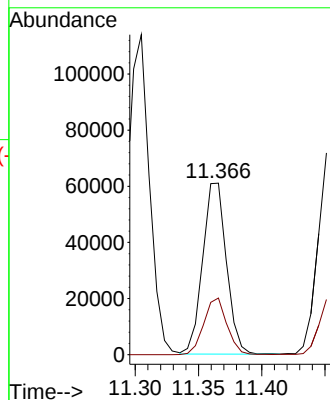
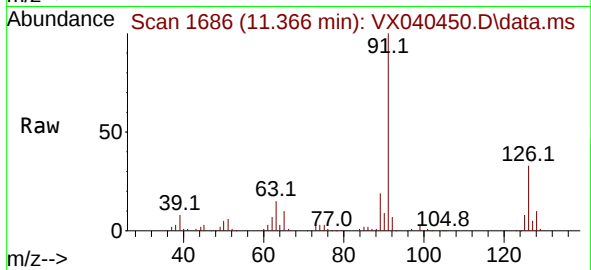
126 32.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.315 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040450.D

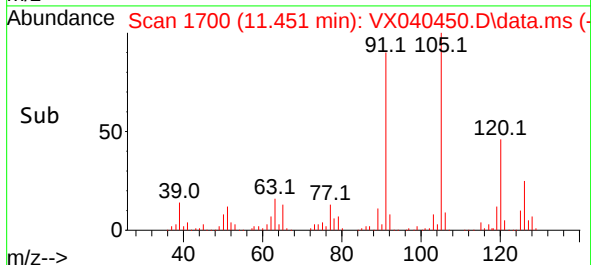
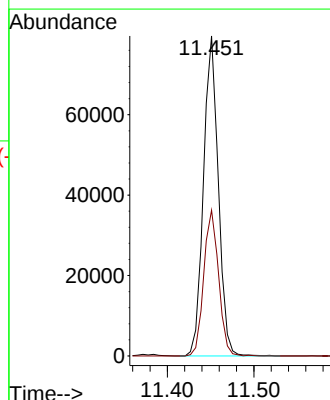
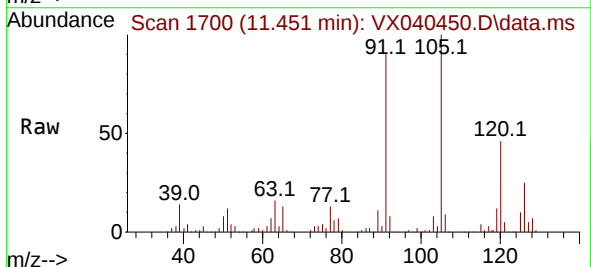
Acq: 26 Feb 2024 10:30

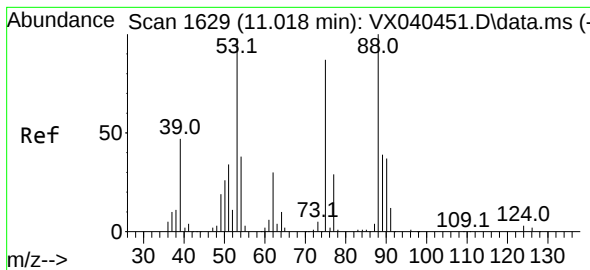
Tgt Ion:105 Resp: 94663

Ion Ratio Lower Upper

105 100

120 45.4 24.1 72.3





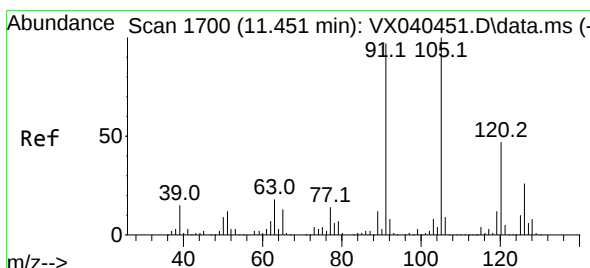
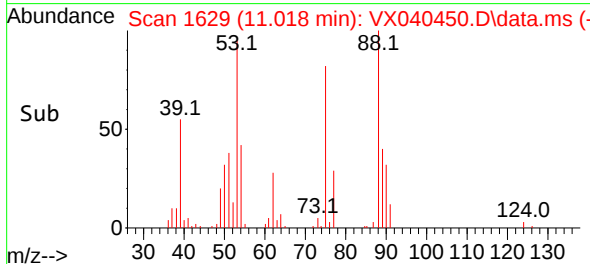
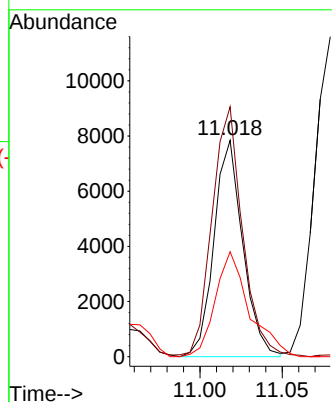
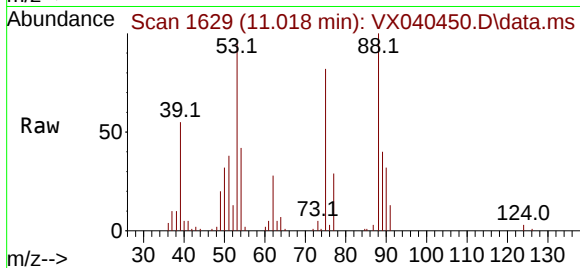
#81
trans-1,4-Dichloro-2-butene
Concen: 20.369 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 9570
Ion Ratio Lower Upper
75 100
53 122.1 90.5 135.7
89 57.5 36.9 55.3

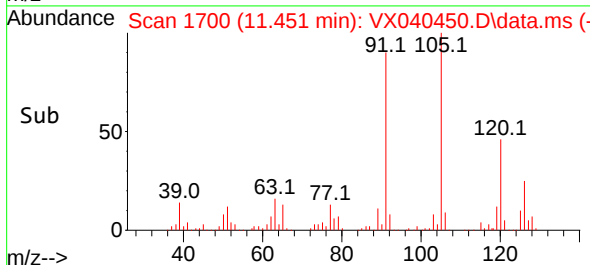
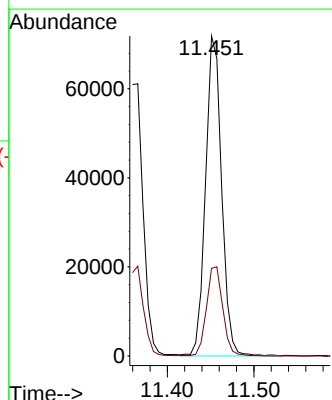
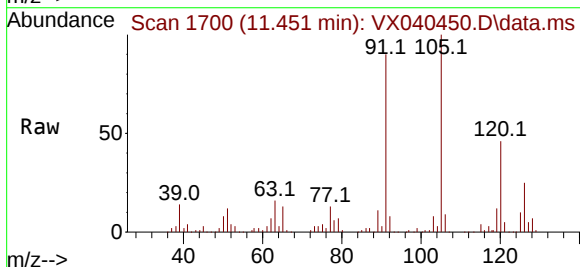
Manual Integrations
APPROVED

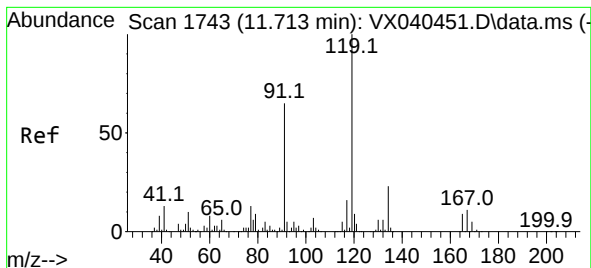
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#82
4-Chlorotoluene
Concen: 20.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion: 91 Resp: 92773
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.767 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 8695

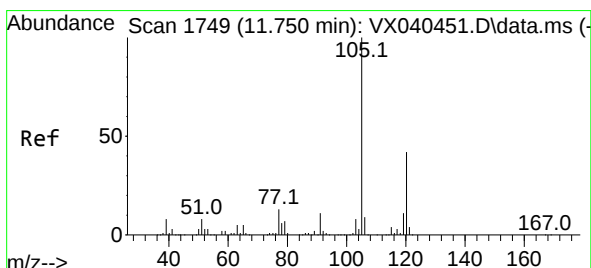
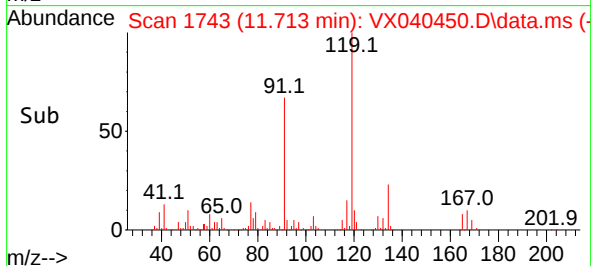
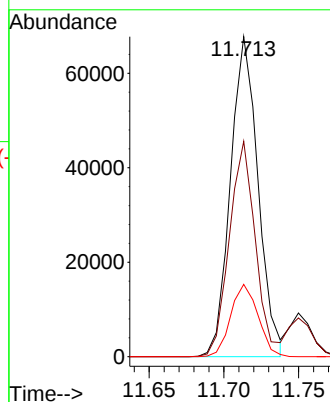
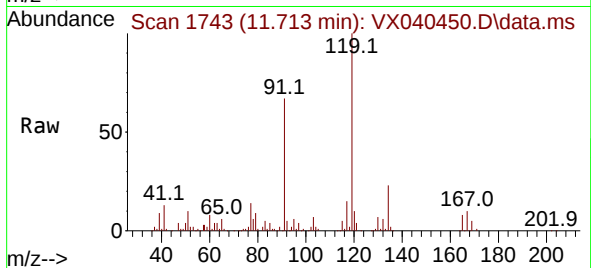
Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.948 ug/l

RT: 11.750 min Scan# 1749

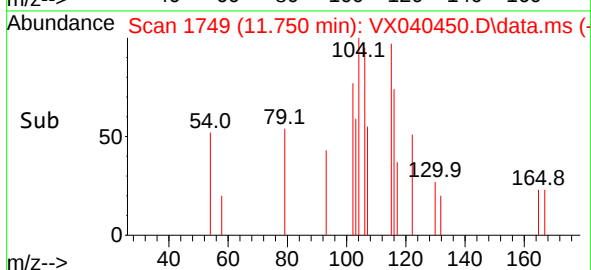
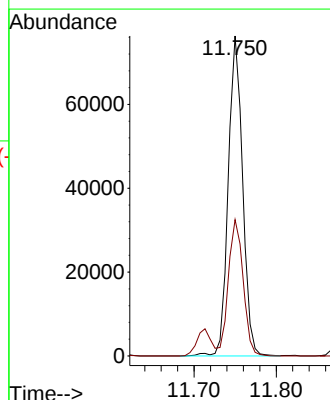
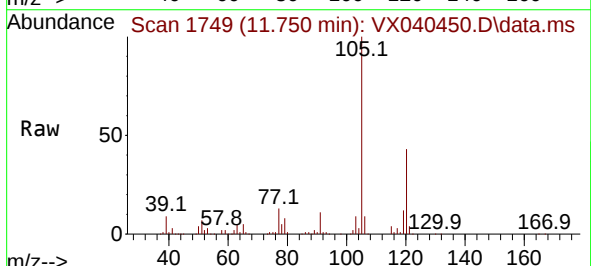
Delta R.T. -0.000 min

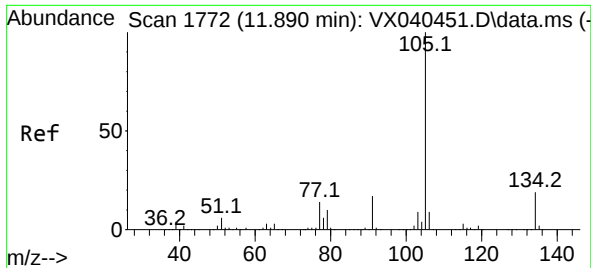
Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Tgt Ion:105 Resp: 92304

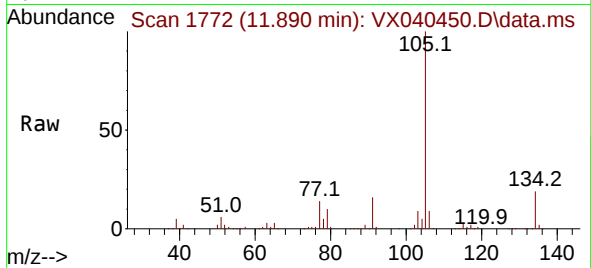
Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 20.945 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040450.D
 Acq: 26 Feb 2024 10:30

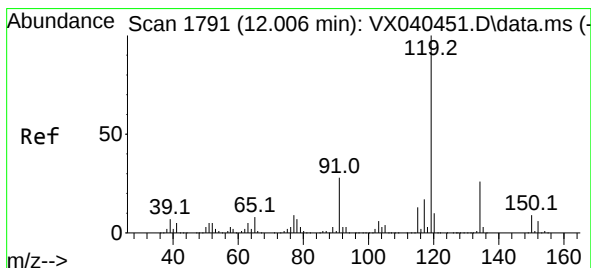
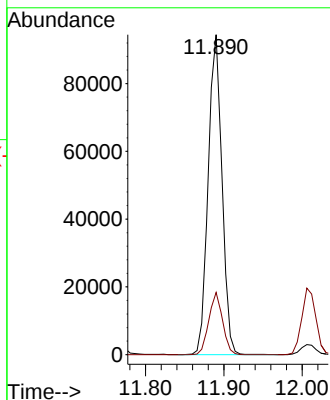
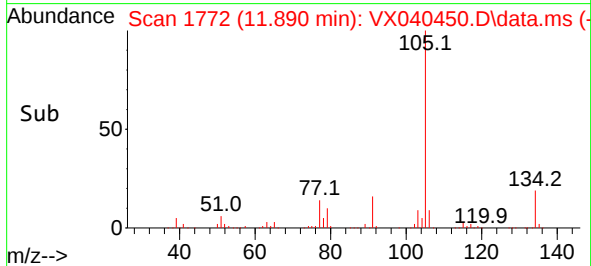
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



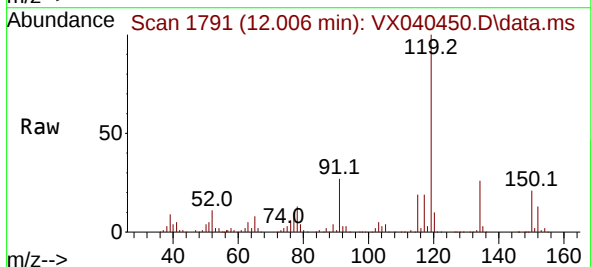
Tgt Ion:105 Resp: 115209
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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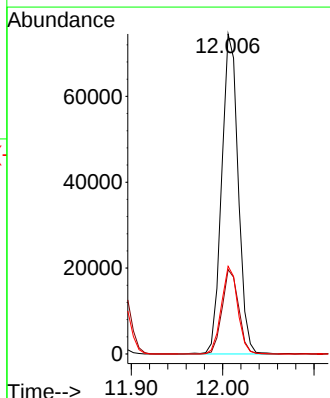
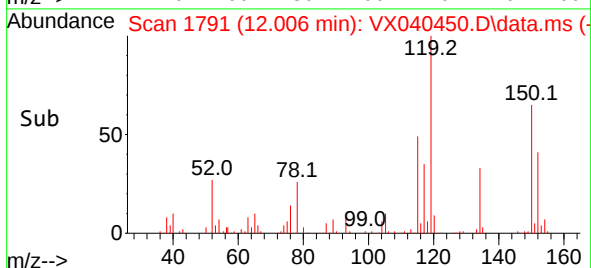
Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

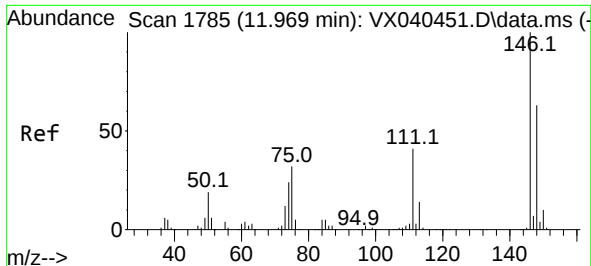


#86
 p-Isopropyltoluene
 Concen: 20.627 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040450.D
 Acq: 26 Feb 2024 10:30



Tgt Ion:119 Resp: 93524
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.439 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

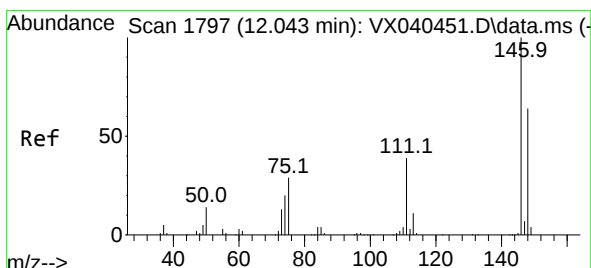
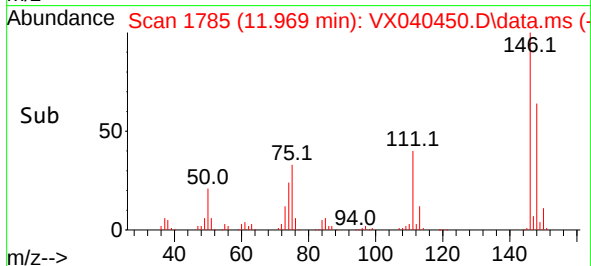
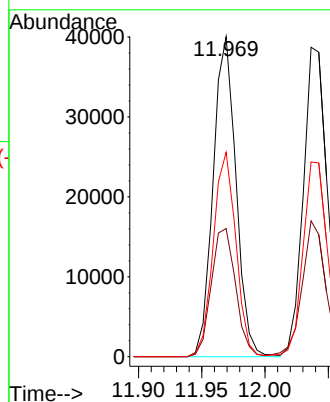
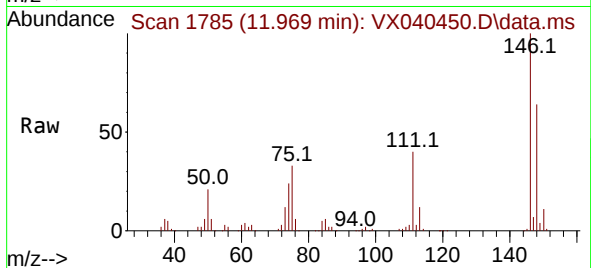
Tgt Ion:146 Resp: 50304
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.1
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Semsettin Yesilyurt 02/27/2024



#88

1,4-Dichlorobenzene

Concen: 20.317 ug/l

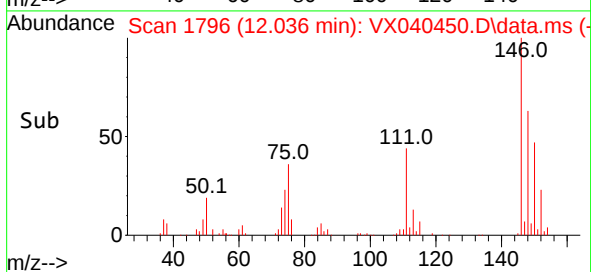
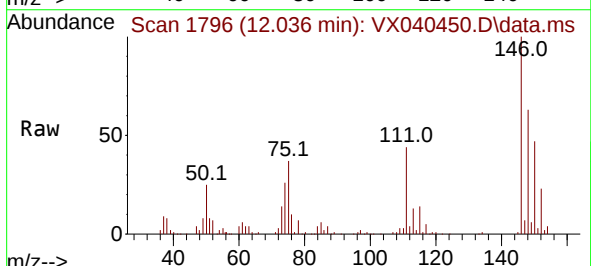
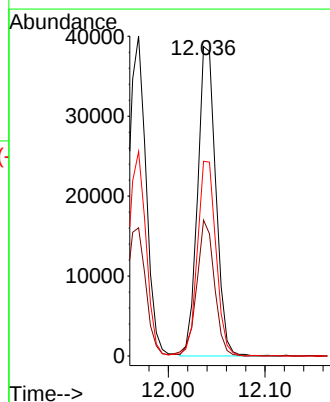
RT: 12.036 min Scan# 1796

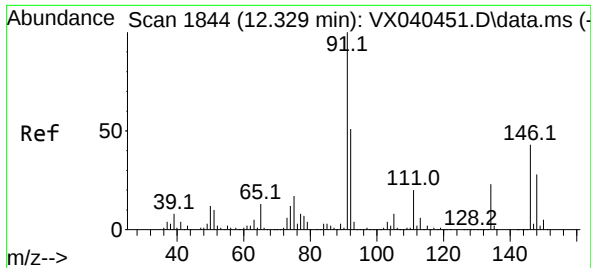
Delta R.T. -0.006 min

Lab File: VX040450.D

Acq: 26 Feb 2024 10:30

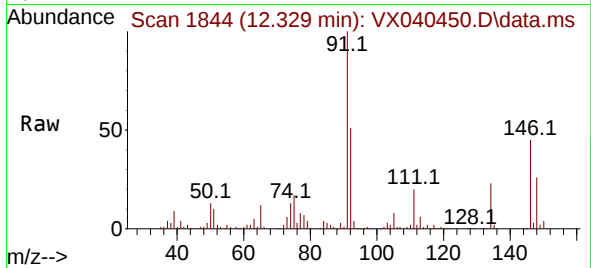
Tgt Ion:146 Resp: 50905
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.7
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 20.622 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

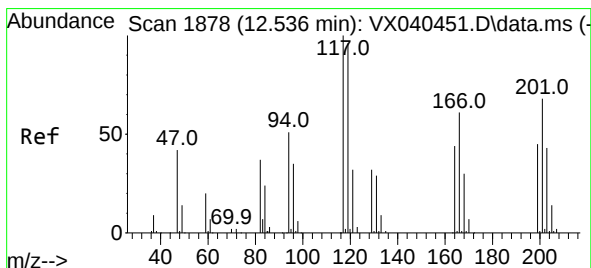
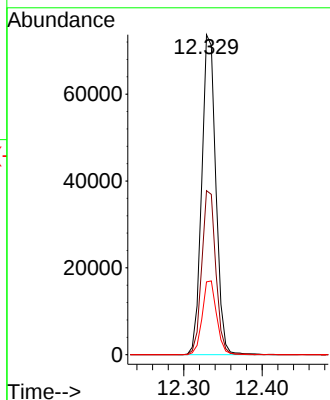
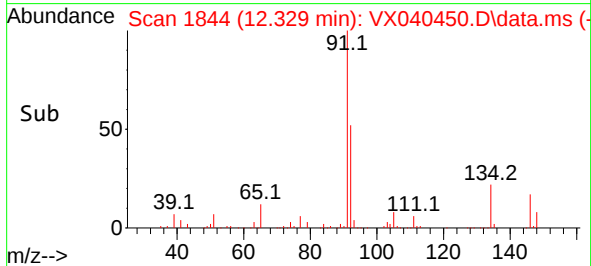
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 9199
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 23.5 12.6 37.8

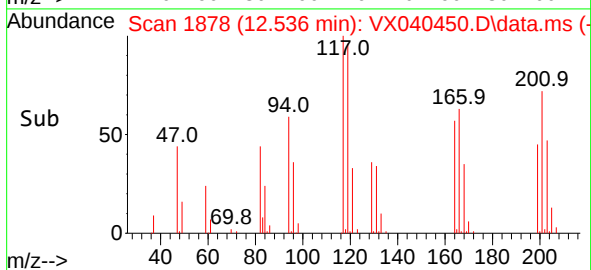
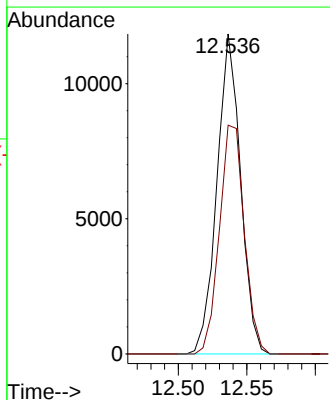
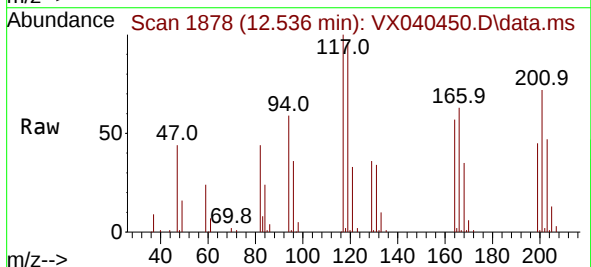
Manual Integrations
APPROVED

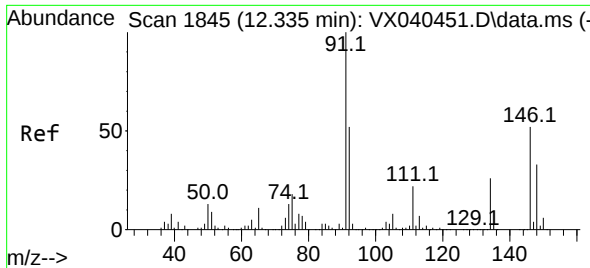
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#90
Hexachloroethane
Concen: 18.786 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

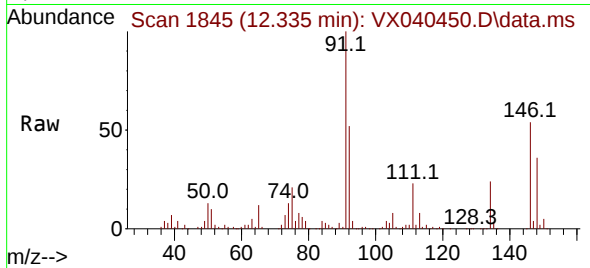
Tgt Ion:117 Resp: 14176
Ion Ratio Lower Upper
117 100
201 75.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.829 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

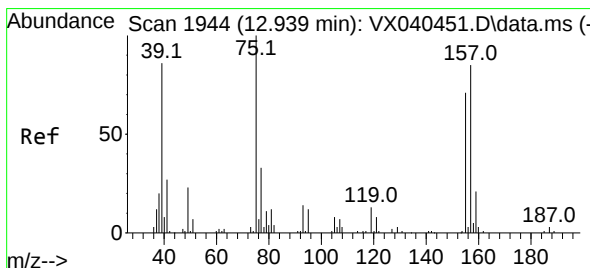
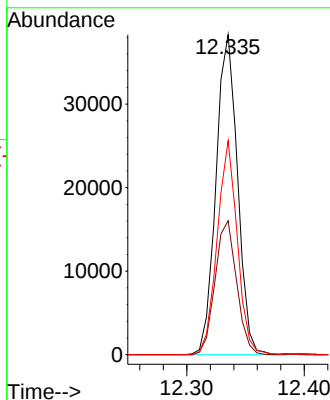
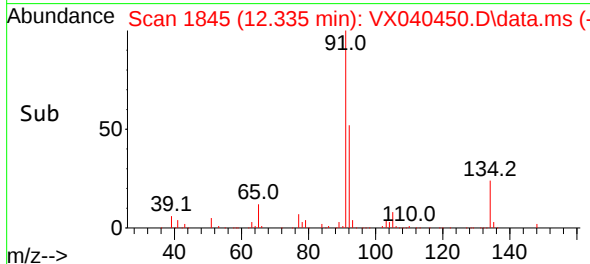
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 4885
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 62.6 31.6 95.0

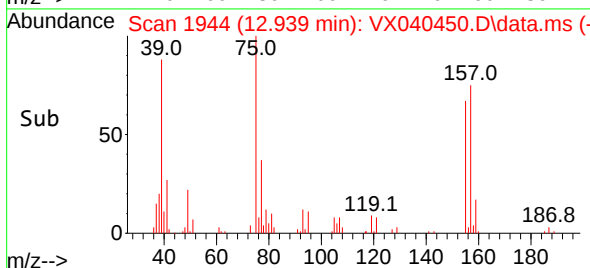
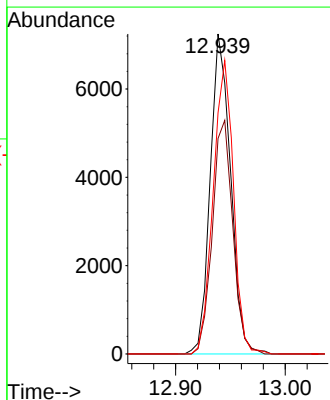
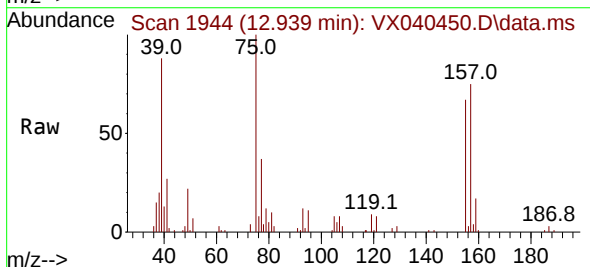
Manual Integrations
APPROVED

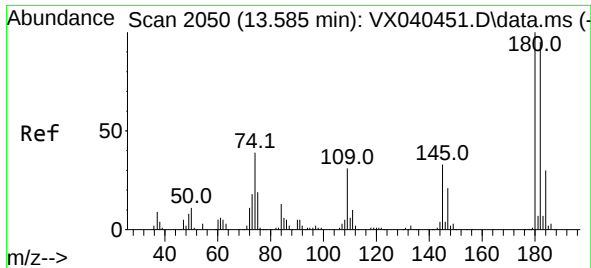
Reviewed By :John Carbone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.241 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

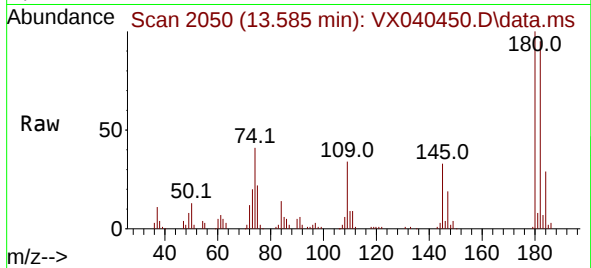
Tgt Ion: 75 Resp: 9352
Ion Ratio Lower Upper
75 100
155 73.4 36.1 108.5
157 91.2 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.678 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

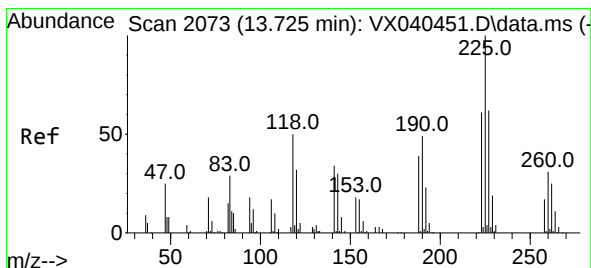
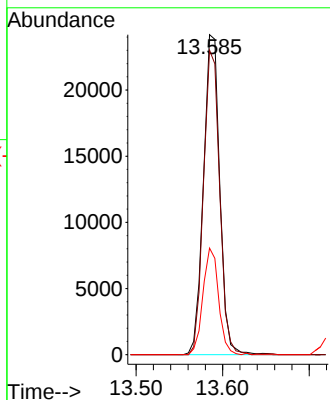
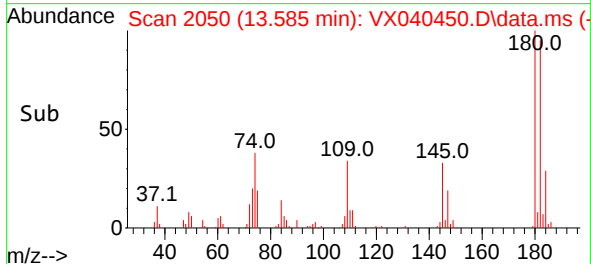
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



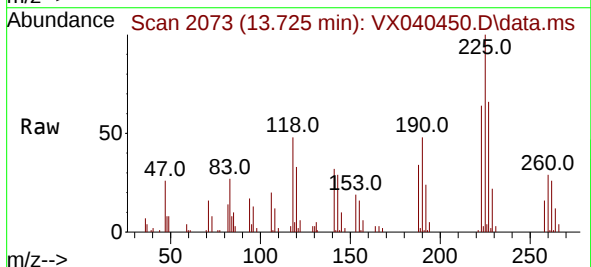
Tgt Ion:180 Resp: 31652
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 31.9 18.0 54.0

Manual Integrations
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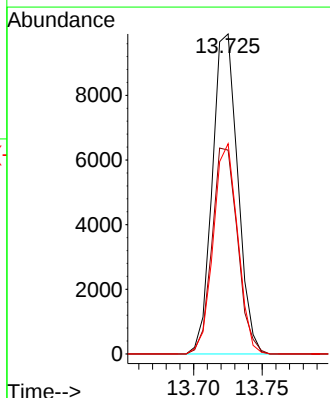
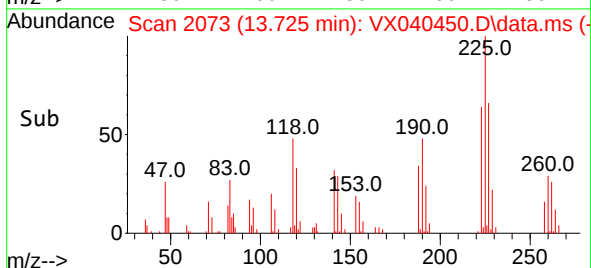
Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

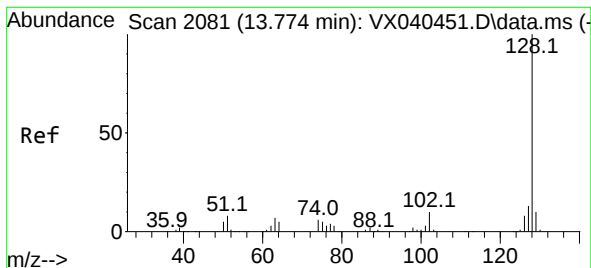


#94
Hexachlorobutadiene
Concen: 20.397 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30



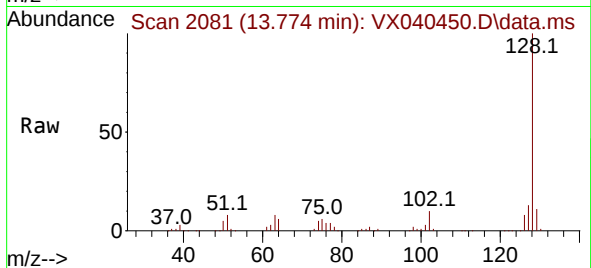
Tgt Ion:225 Resp: 12760
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 63.2 32.5 97.5





#95
Naphthalene
Concen: 21.226 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

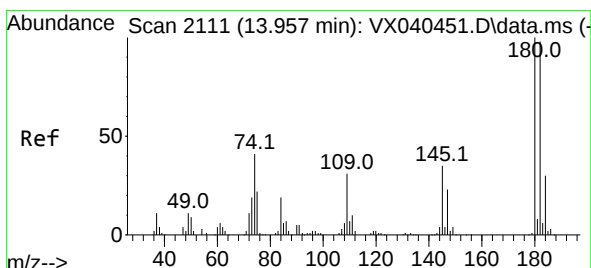
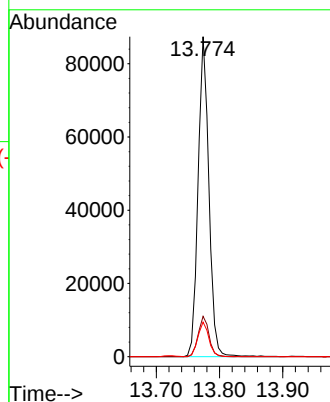
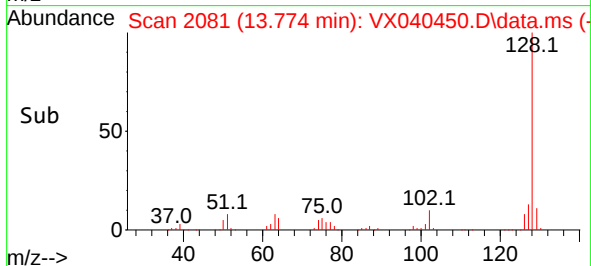
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 103825
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.761 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040450.D
Acq: 26 Feb 2024 10:30

Tgt Ion:180 Resp: 30208
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 34.1 17.8 53.5

