

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040164.D
 Acq On : 07 Feb 2024 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49394	54.092	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.180%			
35) Dibromofluoromethane	5.385	113	34589	47.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.400%			
50) Toluene-d8	8.647	98	142123	52.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.820%			
62) 4-Bromofluorobenzene	11.079	95	36329	34.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 69.580%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36057	56.421	ug/l	94
3) Chloromethane	1.301	50	38552	63.609	ug/l	94
4) Vinyl Chloride	1.374	62	40323	71.938	ug/l	98
5) Bromomethane	1.599	94	49886	91.551	ug/l	98
6) Chloroethane	1.679	64	26048	70.391	ug/l	99
7) Trichlorofluoromethane	1.880	101	60726	68.092	ug/l	100
8) Diethyl Ether	2.136	74	22512	71.400	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	26139	39.282	ug/l	91
10) Methyl Iodide	2.453	142	40207	56.762	ug/l	98
11) Tert butyl alcohol	2.971	59	53185	320.994	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	26488	41.506	ug/l	93
13) Acrolein	2.233	56	39006	245.715	ug/l	99
14) Allyl chloride	2.660	41	70531	61.314	ug/l	94
15) Acrylonitrile	3.062	53	134210	323.361	ug/l	100
16) Acetone	2.380	43	98159	229.423	ug/l	93
17) Carbon Disulfide	2.508	76	104640	56.081	ug/l	97
18) Methyl Acetate	2.703	43	62637	61.797	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	131970	60.368	ug/l	97
20) Methylene Chloride	2.788	84	41855	55.048	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	39410	56.075	ug/l	97
22) Diisopropyl ether	3.764	45	145587	65.338	ug/l	95
23) Vinyl Acetate	3.721	43	692818	347.426	ug/l	98
24) 1,1-Dichloroethane	3.605	63	77396	60.647	ug/l	99
25) 2-Butanone	4.556	43	191298	321.641	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51566	51.786	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	45173	57.604	ug/l	100
28) Bromochloromethane	4.898	49	32988	55.434	ug/l	92
29) Tetrahydrofuran	5.007	42	128463	339.701	ug/l	97
30) Chloroform	5.093	83	77851	56.812	ug/l	92
31) Cyclohexane	5.471	56	67902	59.364	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	64748	55.057	ug/l	95
36) 1,1-Dichloropropene	5.696	75	58740	56.015	ug/l	99
37) Ethyl Acetate	4.715	43	72598	63.392	ug/l	98
38) Carbon Tetrachloride	5.678	117	51661	51.488	ug/l	99
39) Methylcyclohexane	7.379	83	66795	52.353	ug/l	98
40) Benzene	6.038	78	169927	55.636	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40292	69.375	ug/l	97
42) 1,2-Dichloroethane	6.086	62	67430	57.352	ug/l	99
43) Isopropyl Acetate	6.342	43	115365	63.879	ug/l	98
44) Trichloroethene	7.123	130	27678	34.436	ug/l	86
45) 1,2-Dichloropropane	7.434	63	46822	58.062	ug/l	97
46) Dibromomethane	7.580	93	32048	52.947	ug/l	92
47) Bromodichloromethane	7.824	83	62577	58.047	ug/l	99
48) Methyl methacrylate	7.696	41	61174	68.762	ug/l	95
49) 1,4-Dioxane	7.659	88	23126	1196.222	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	411752	333.988	ug/l	97
52) Toluene	8.720	92	110794	58.200	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	64473	57.663	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	71285	59.749	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	43684	55.438	ug/l #	85
56) Ethyl methacrylate	9.116	69	74603	64.835	ug/l	93
57) 1,3-Dichloropropane	9.305	76	74710	57.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	173850	300.453	ug/l	93
59) 2-Hexanone	9.433	43	314900	320.359	ug/l	98
60) Dibromochloromethane	9.519	129	43059	54.384	ug/l	97
61) 1,2-Dibromoethane	9.610	107	46830	54.971	ug/l	97
64) Tetrachloroethene	9.275	164	32609	67.474	ug/l	94
65) Chlorobenzene	10.086	112	90474	58.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25601	49.379	ug/l	95
67) Ethyl Benzene	10.195	91	156369	56.768	ug/l	98
68) m/p-Xylenes	10.299	106	150603	145.332	ug/l	99
69) o-Xylene	10.640	106	71730	72.973	ug/l	92
70) Styrene	10.653	104	121203	73.159	ug/l	97
71) Bromoform	10.799	173	19730	47.054	ug/l #	99
73) Isopropylbenzene	10.964	105	201646	79.053	ug/l	98
74) N-amyl acetate	10.842	43	96195	76.876	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	59479	62.022	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53799m	71.121	ug/l	
77) Bromobenzene	11.195	156	30794	52.336	ug/l	88
78) n-propylbenzene	11.305	91	189648	60.419	ug/l	95
79) 2-Chlorotoluene	11.366	91	107092	56.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	157414	71.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15015	60.775	ug/l	95
82) 4-Chlorotoluene	11.451	91	168172	77.539	ug/l	97
83) tert-Butylbenzene	11.713	119	116798	55.666	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	124570	56.934	ug/l	98
85) sec-Butylbenzene	11.890	105	156883	56.436	ug/l	96
86) p-Isopropyltoluene	12.006	119	122618	54.018	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	60448	50.925	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	61727	50.801	ug/l	99
89) n-Butylbenzene	12.329	91	166265	75.463	ug/l	92
90) Hexachloroethane	12.536	117	20431	54.638	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	79893	69.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13452	61.881	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	34575	48.328	ug/l	98
94) Hexachlorobutadiene	13.725	225	10027	35.580	ug/l	99
95) Naphthalene	13.774	128	142667	58.712	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34949	49.407	ug/l	98

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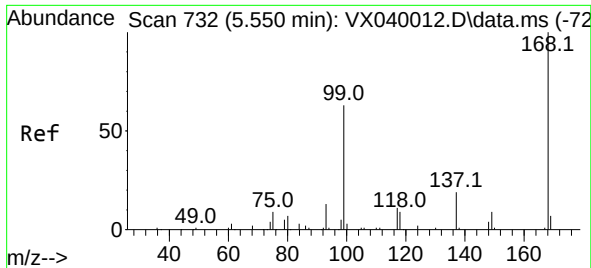
Manual Integrations
APPROVED

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Response via : Initial Calibration

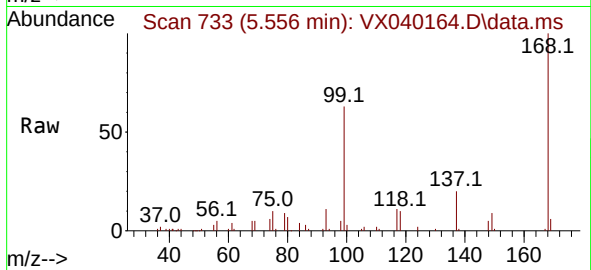
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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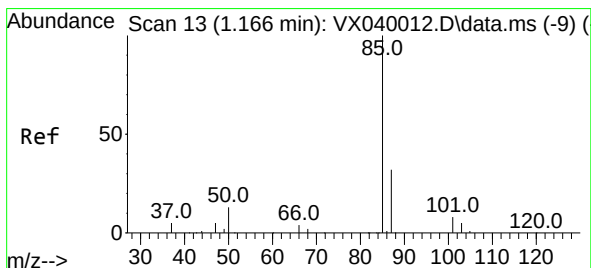
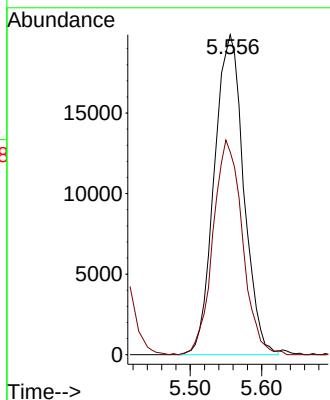
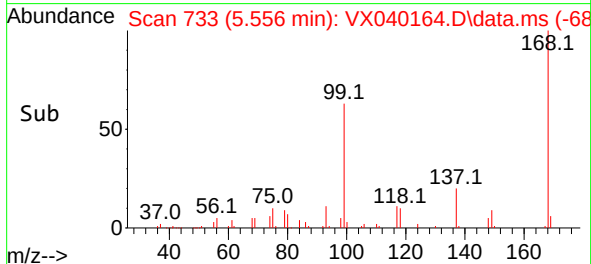
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 56739
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0

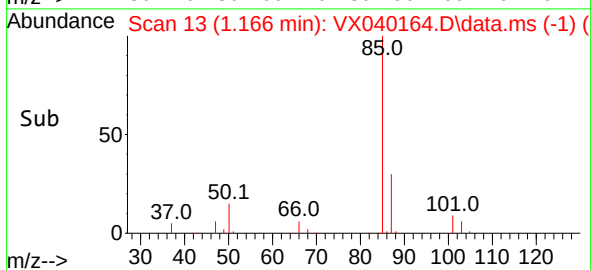
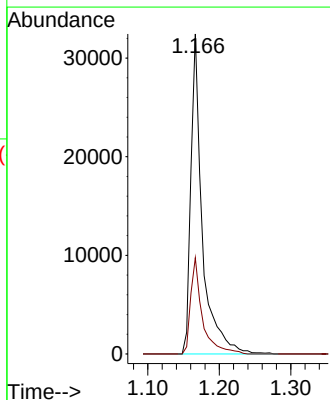
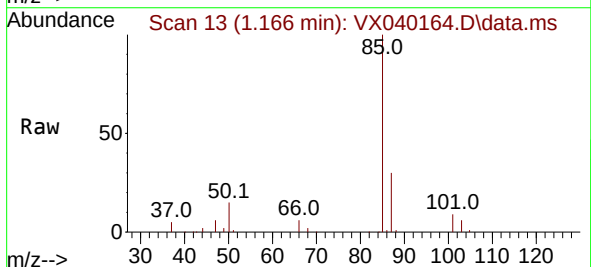
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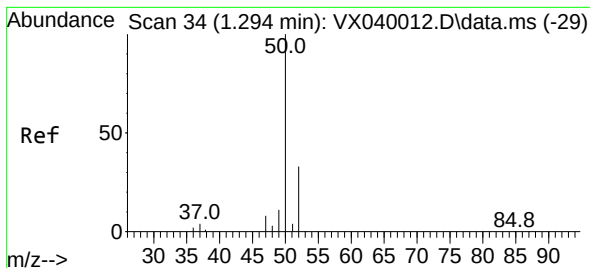
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#2
Dichlorodifluoromethane
Concen: 56.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 85 Resp: 36057
Ion Ratio Lower Upper
85 100
87 30.0 16.7 50.1





#3

Chloromethane

Concen: 63.609 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

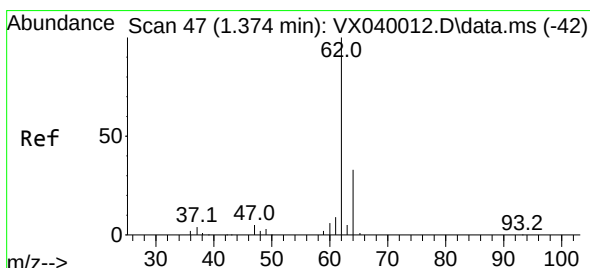
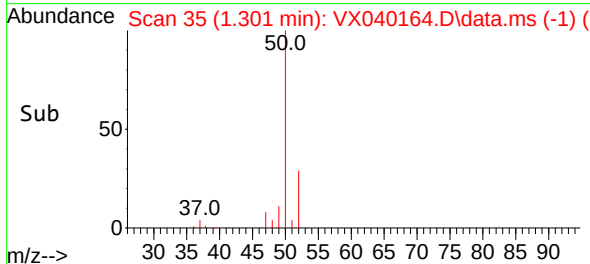
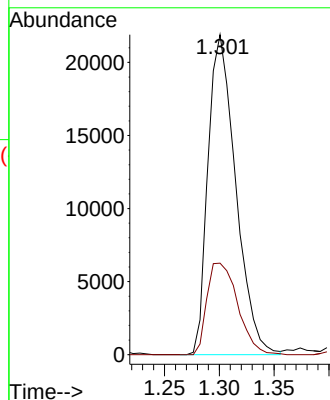
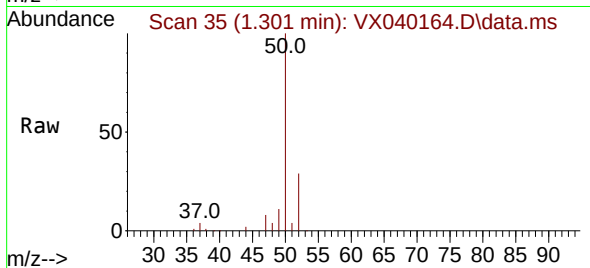
Tgt Ion: 50 Resp: 38552
 Ion Ratio Lower Upper
 50 100
 52 28.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 71.938 ug/l

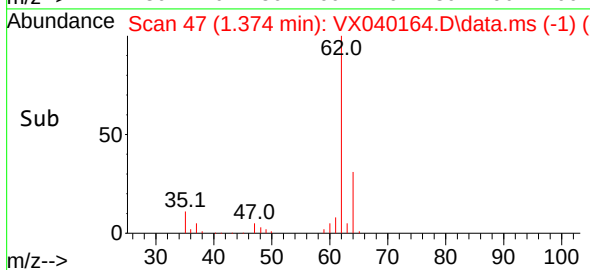
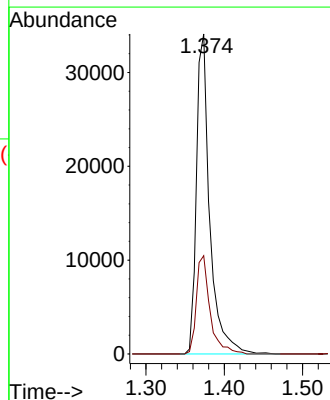
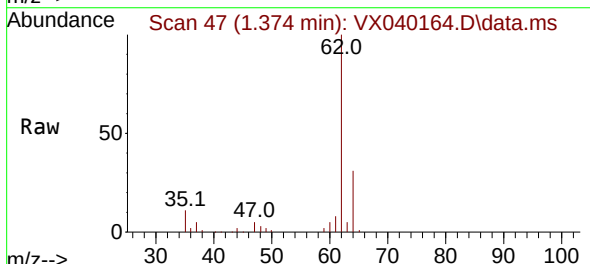
RT: 1.374 min Scan# 47

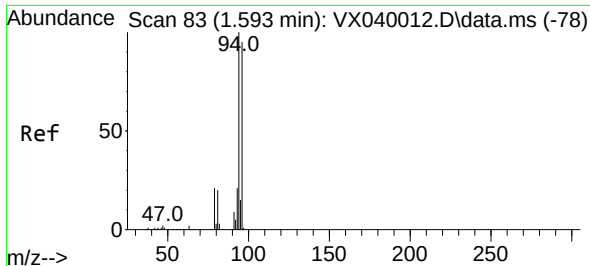
Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

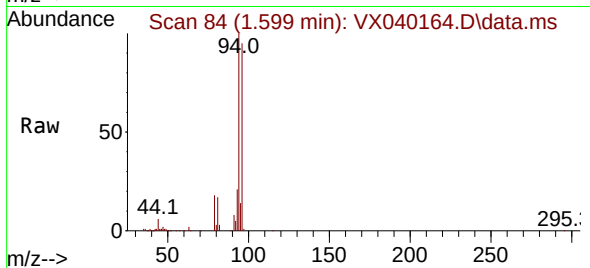
Tgt Ion: 62 Resp: 40323
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.4 38.0





#5
Bromomethane
Concen: 91.551 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

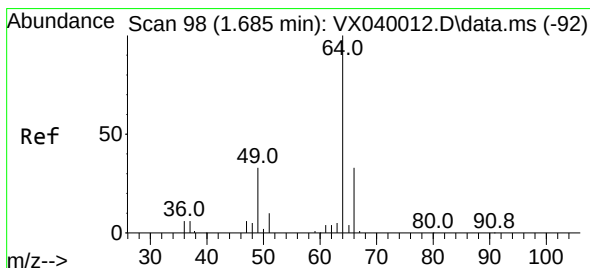
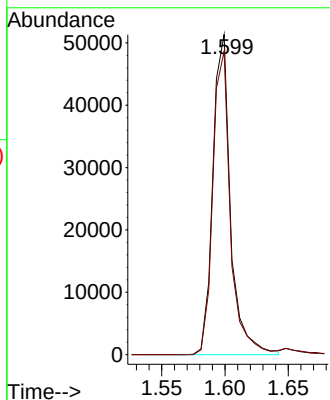
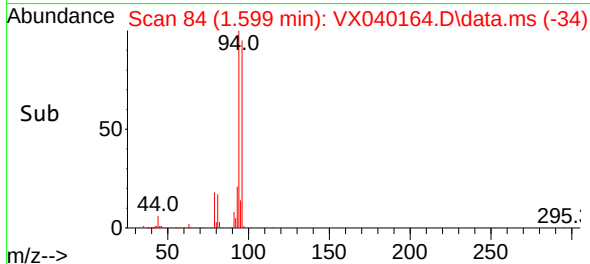
Instrument :
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Tgt Ion: 94 Resp: 49880
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8

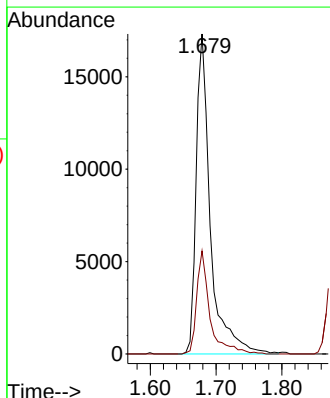
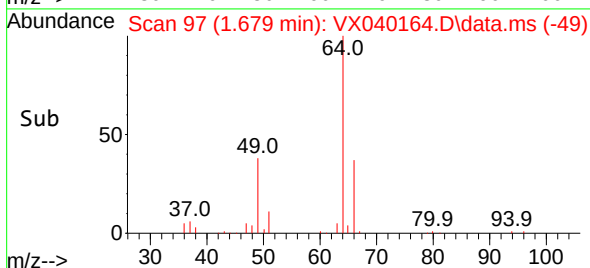
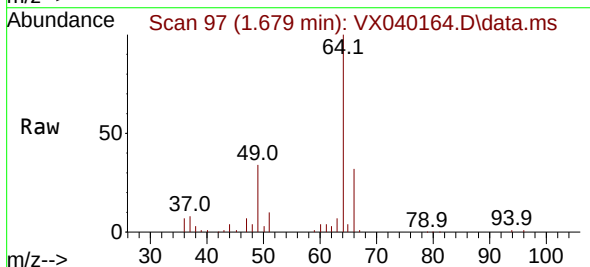
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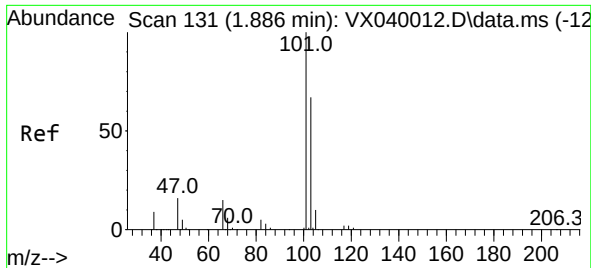
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#6
Chloroethane
Concen: 70.391 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 64 Resp: 26048
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 68.092 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040164.D
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Instrument :

MSVOA_X

ClientSampleId :

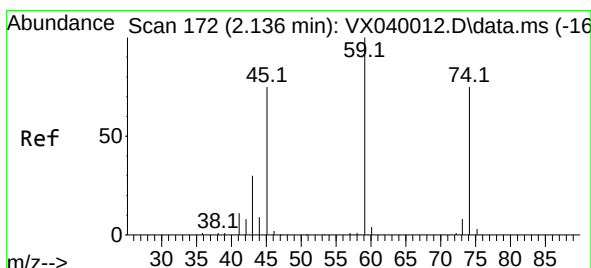
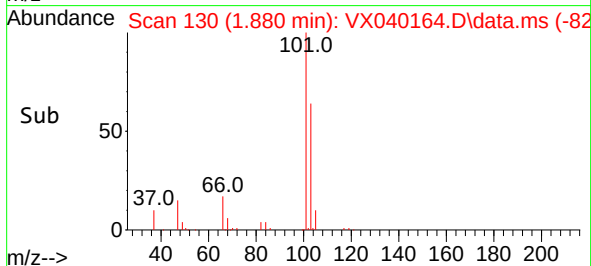
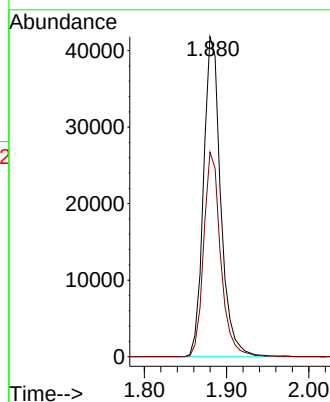
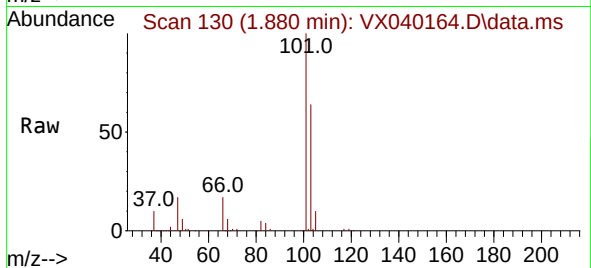
VSTDCCC050EC

Tgt Ion:101 Resp: 60720
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

Manual Integrations

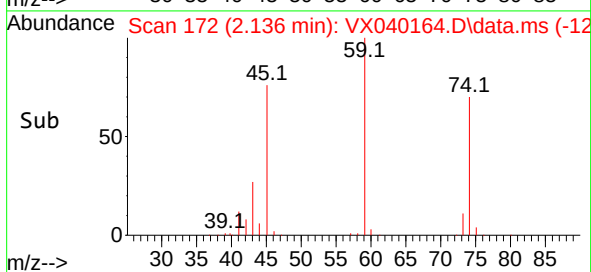
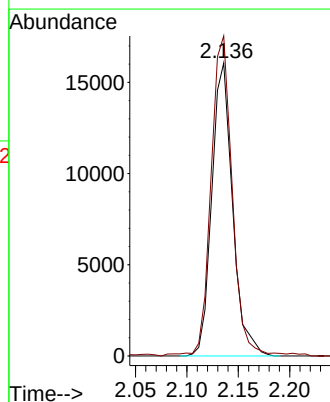
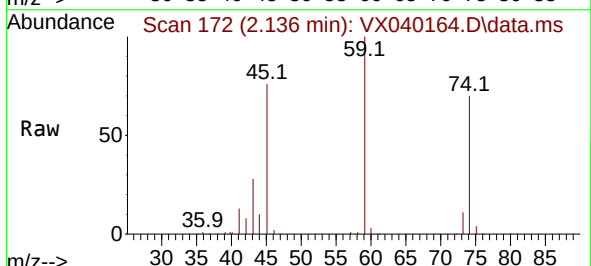
APPROVED

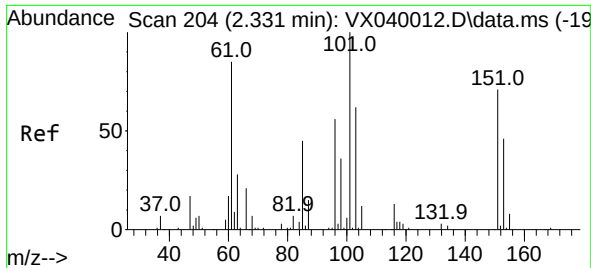
Reviewed By :John Carlone 02/08/2024
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#8
Diethyl Ether
Concen: 71.400 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 74 Resp: 22512
Ion Ratio Lower Upper
74 100
45 111.7 53.3 159.8





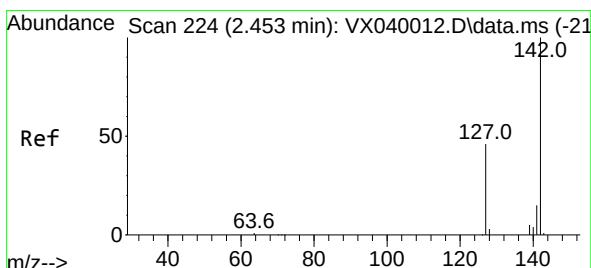
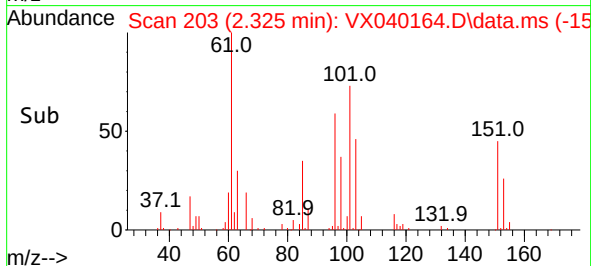
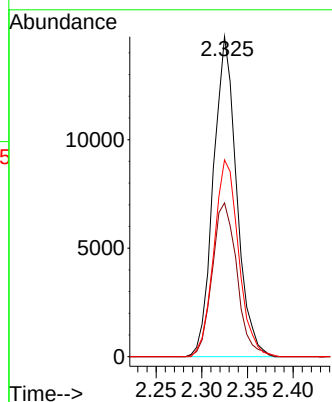
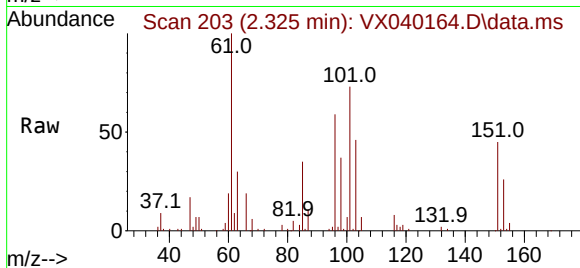
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.282 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040164.D
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Tgt Ion:101 Resp: 26139
Ion Ratio Lower Upper
101 100
85 51.0 37.0 55.6
151 65.3 58.6 87.8

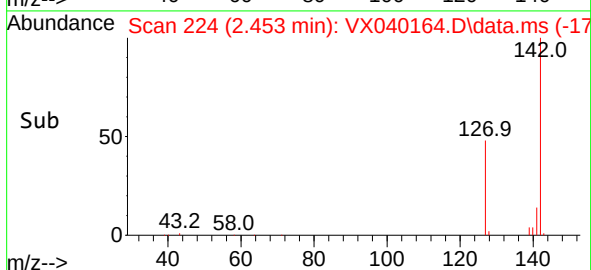
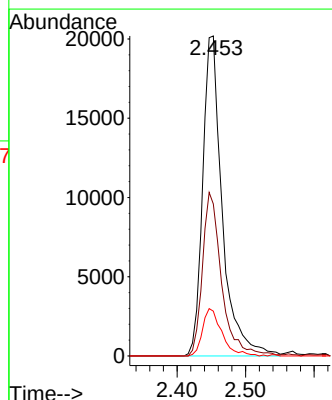
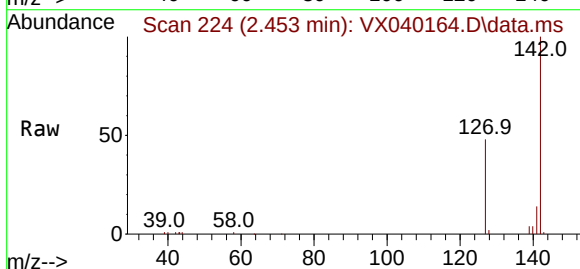
Manual Integrations
APPROVED

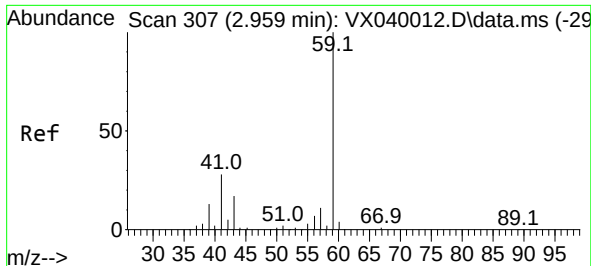
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#10
Methyl Iodide
Concen: 56.762 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:142 Resp: 40207
Ion Ratio Lower Upper
142 100
127 50.1 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 320.994 ug/l

RT: 2.971 min Scan# 307

Delta R.T. 0.012 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5318

Ion Ratio Lower Upper

59 100

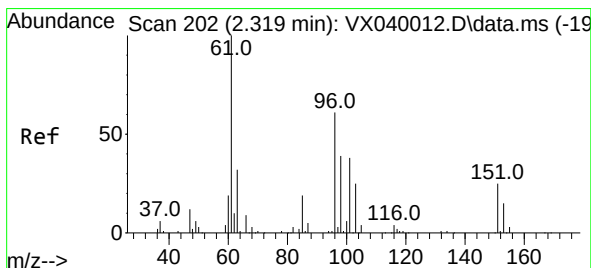
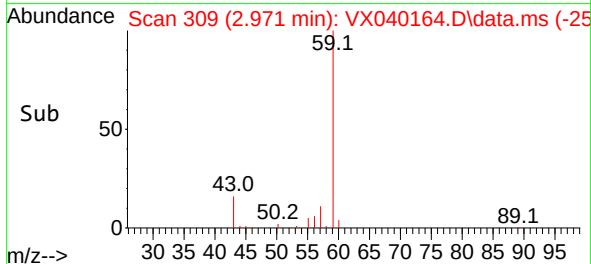
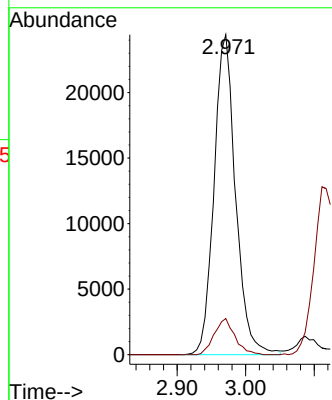
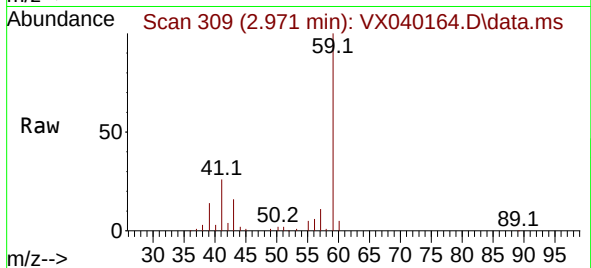
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#12

1,1-Dichloroethene

Concen: 41.506 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

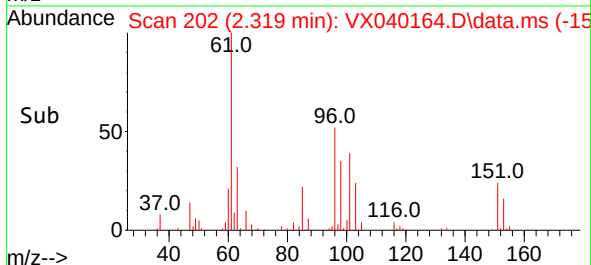
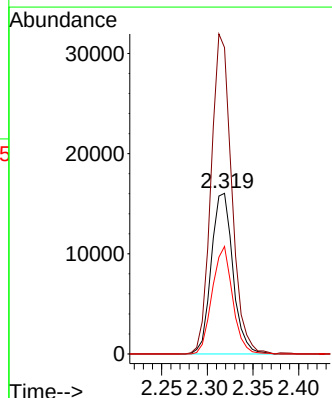
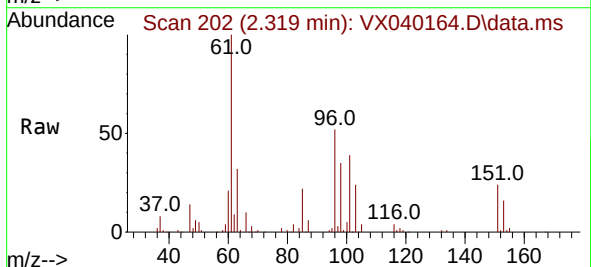
Tgt Ion: 96 Resp: 26488

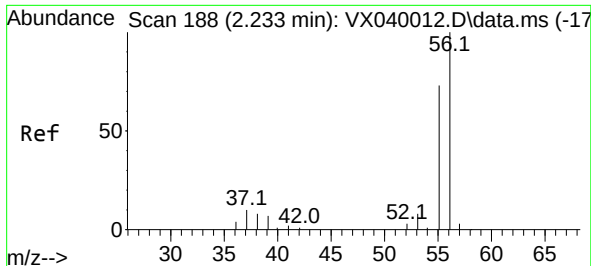
Ion Ratio Lower Upper

96 100

61 190.7 144.6 216.8

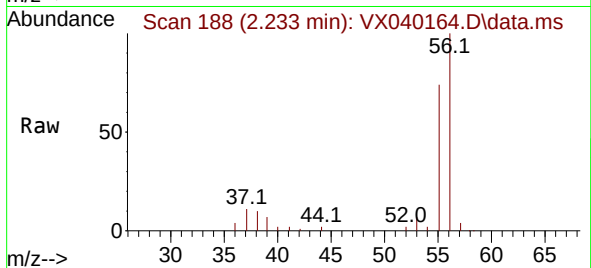
98 67.0 50.4 75.6





#13
Acrolein
Concen: 245.715 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

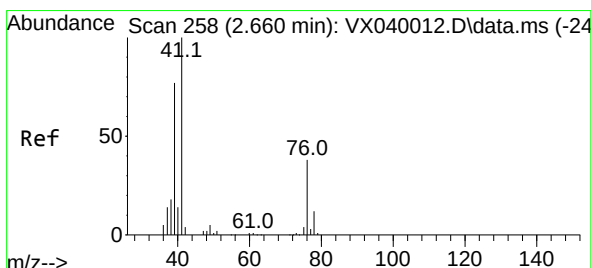
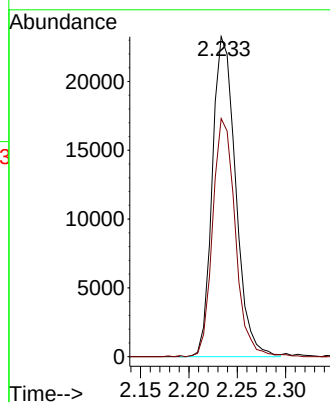
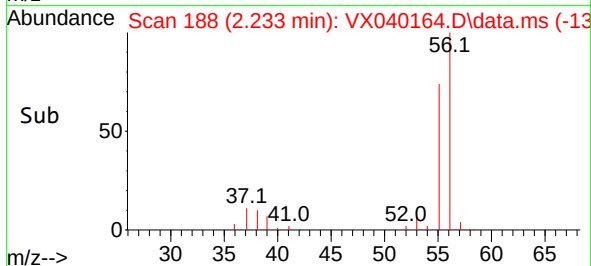
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 39000
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

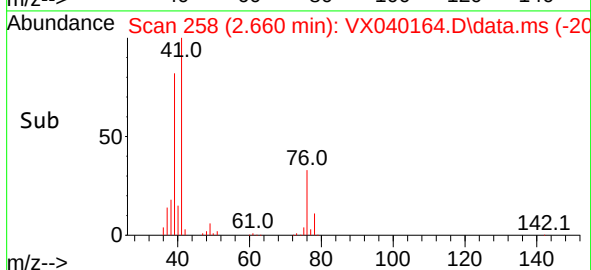
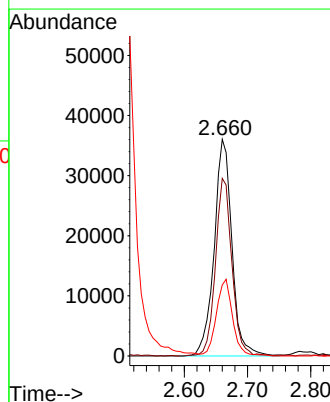
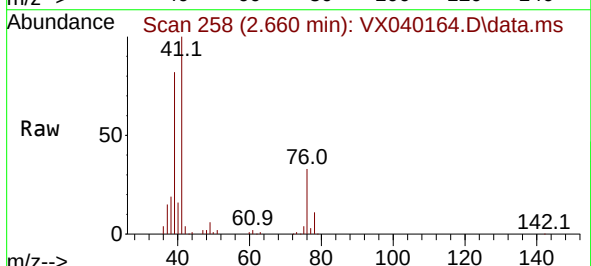
Manual Integrations
APPROVED

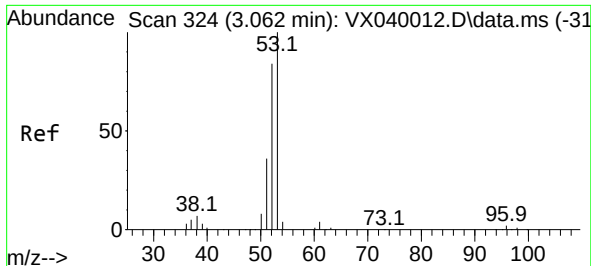
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#14
Allyl chloride
Concen: 61.314 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

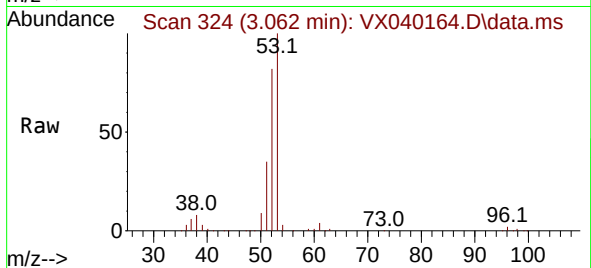
Tgt Ion: 41 Resp: 70531
Ion Ratio Lower Upper
41 100
39 75.7 55.8 83.6
76 32.2 24.3 36.5





#15
Acrylonitrile
Concen: 323.361 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

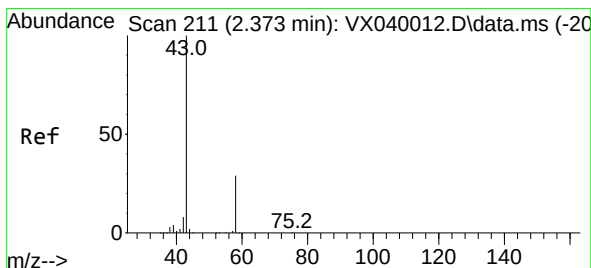
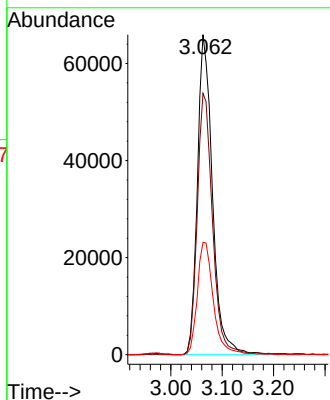
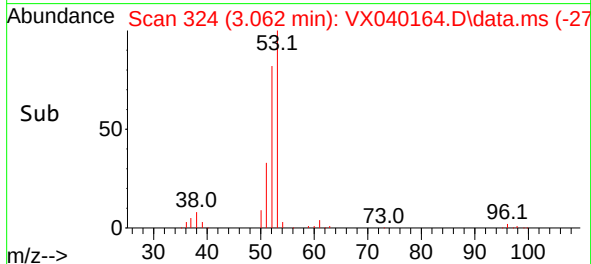
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 134210
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 37.5 29.8 44.6

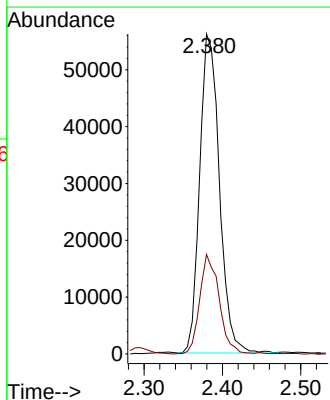
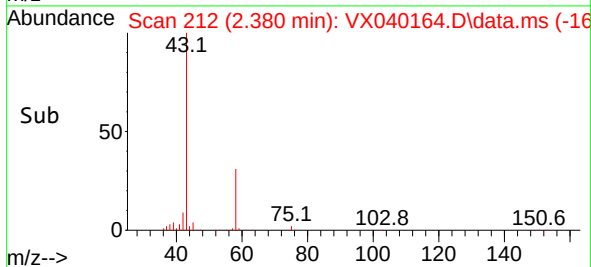
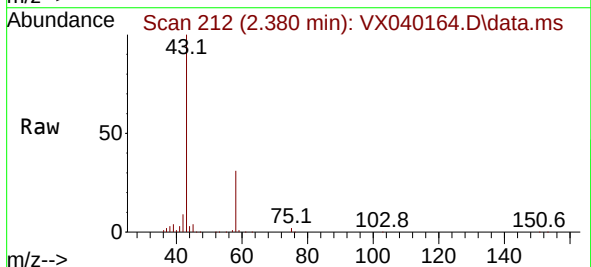
Manual Integrations
APPROVED

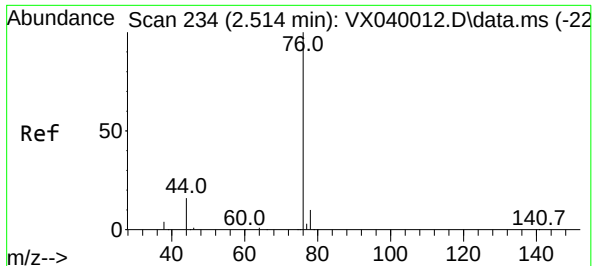
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#16
Acetone
Concen: 229.423 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

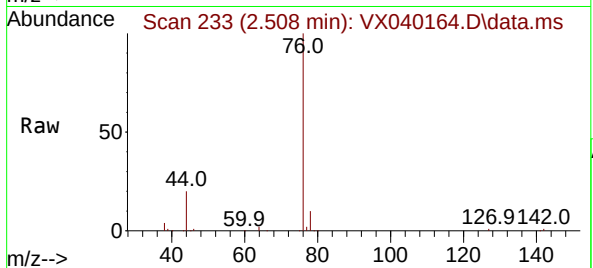
Tgt Ion: 43 Resp: 98159
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17
Carbon Disulfide
Concen: 56.081 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

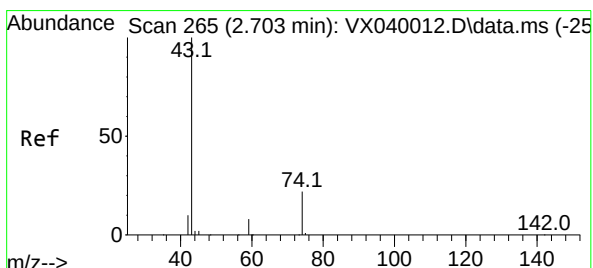
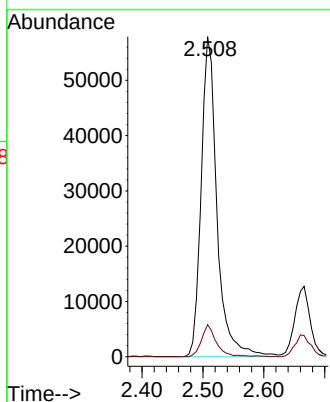
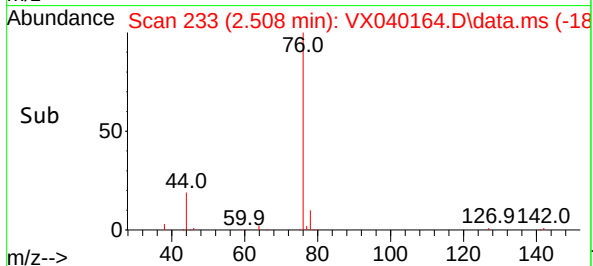
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 104640
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

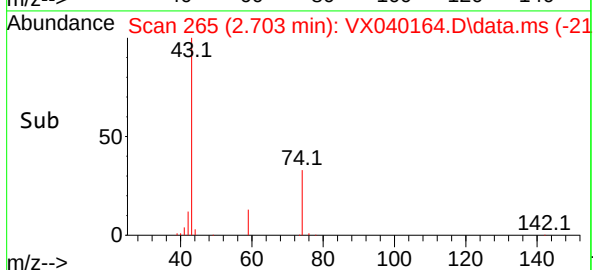
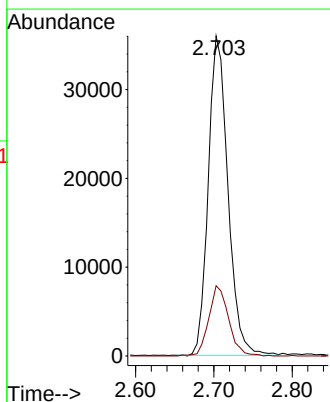
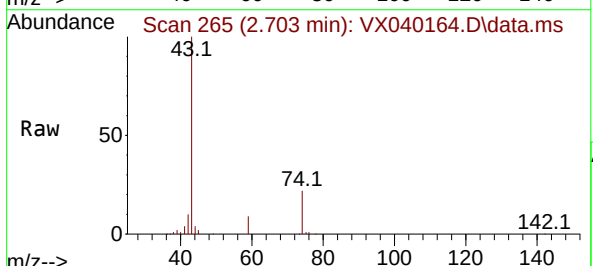
Manual Integrations
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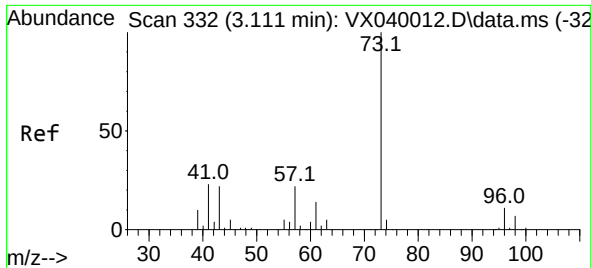
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#18
Methyl Acetate
Concen: 61.797 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 43 Resp: 62637
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





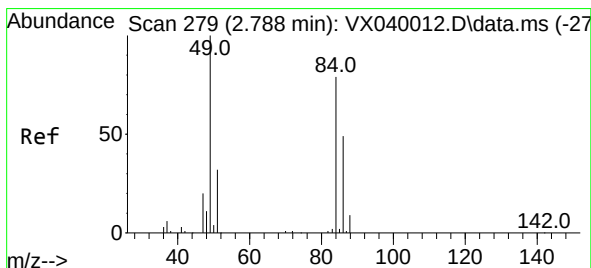
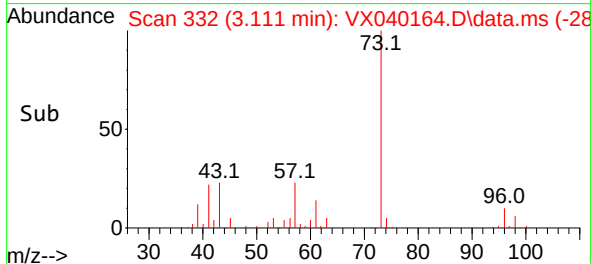
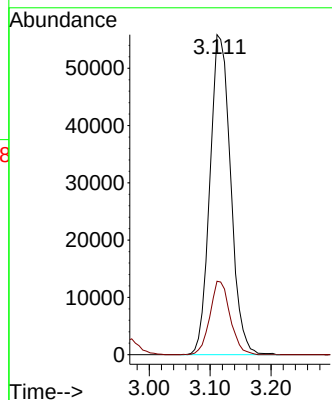
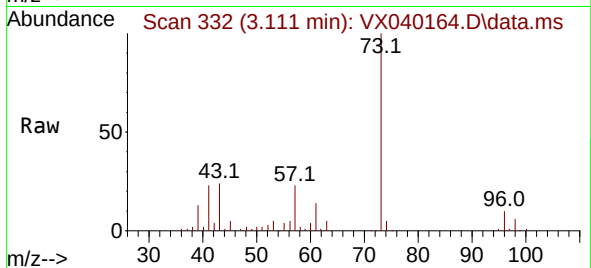
#19
Methyl tert-butyl Ether
Concen: 60.368 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 131970
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

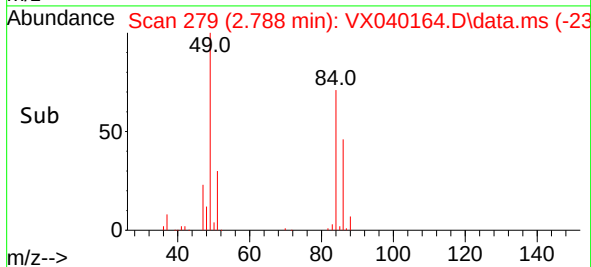
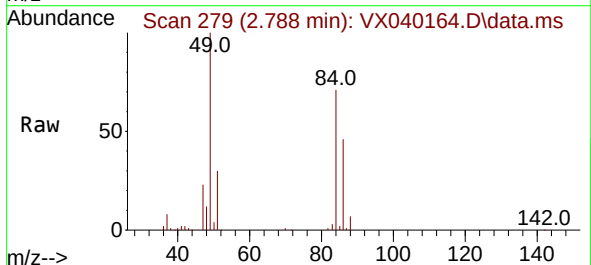
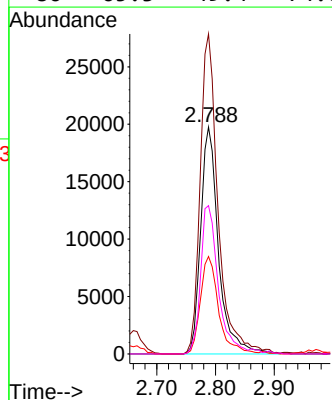
Manual Integrations
APPROVED

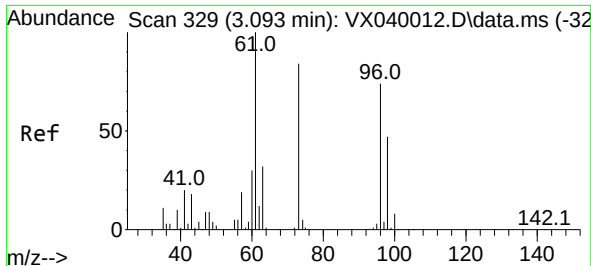
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#20
Methylene Chloride
Concen: 55.048 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

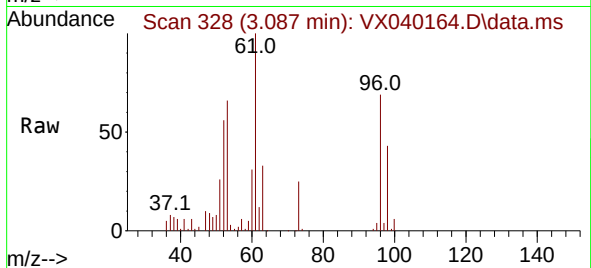
Tgt Ion: 84 Resp: 41855
Ion Ratio Lower Upper
84 100
49 141.0 103.6 155.4
51 42.9 33.8 50.6
86 65.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 56.075 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

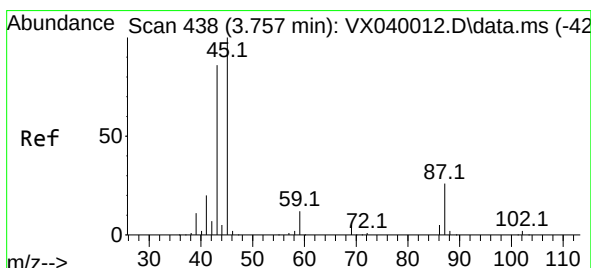
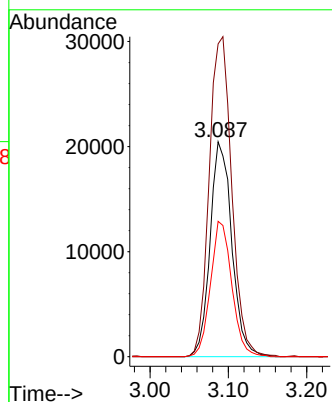
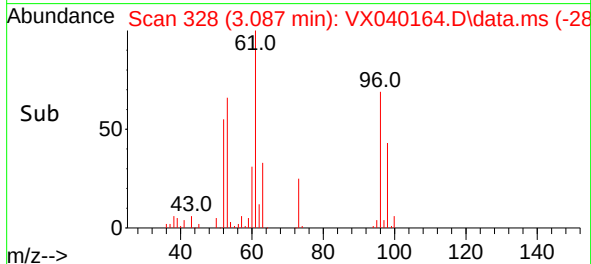
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



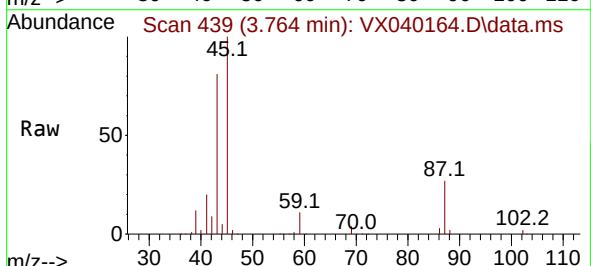
Tgt Ion: 96 Resp: 39410
Ion Ratio Lower Upper
96 100
61 145.5 119.2 178.8
98 63.0 48.7 73.1

Manual Integrations
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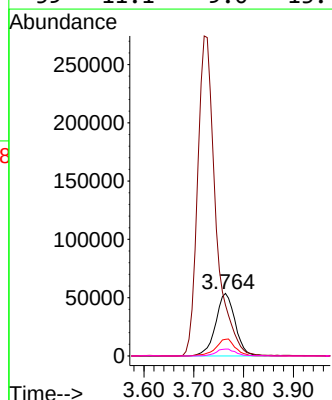
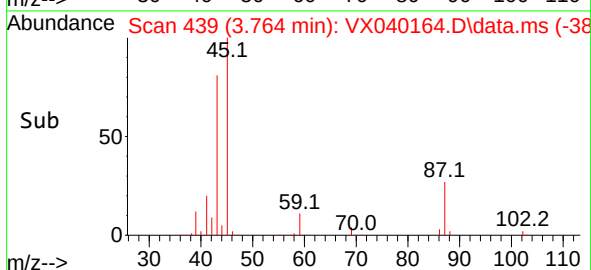
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

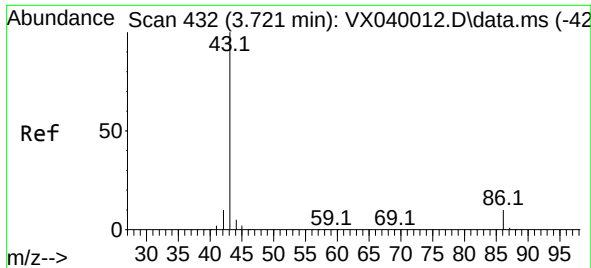


#22
Diisopropyl ether
Concen: 65.338 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



Tgt Ion: 45 Resp: 145587
Ion Ratio Lower Upper
45 100
43 81.2 69.7 104.5
87 26.7 20.8 31.2
59 11.1 9.0 13.4





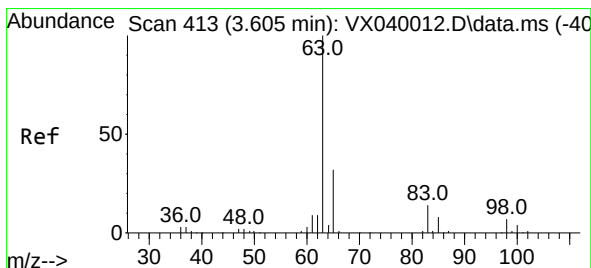
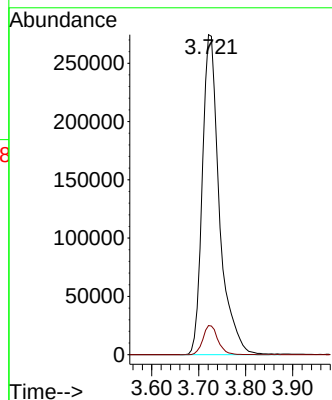
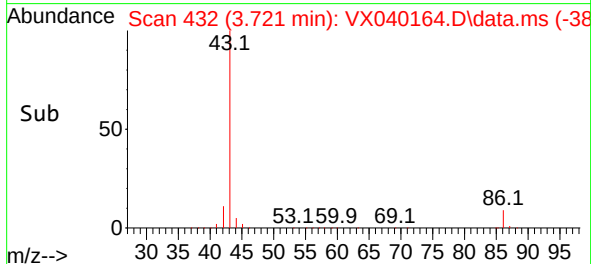
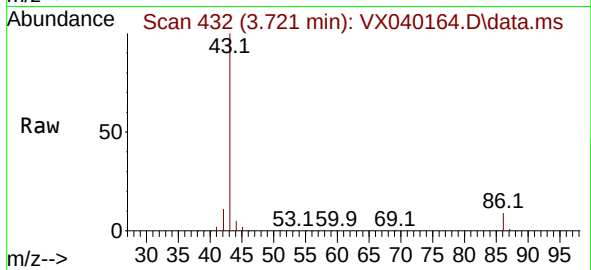
#23
Vinyl Acetate
Concen: 347.426 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 692818
Ion Ratio Lower Upper
43 100
86 9.1 7.8 11.8

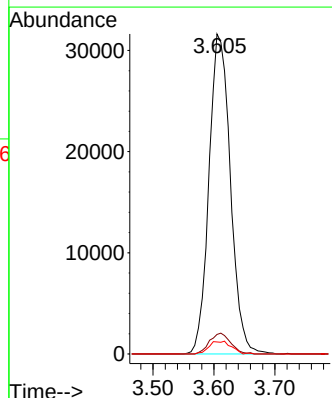
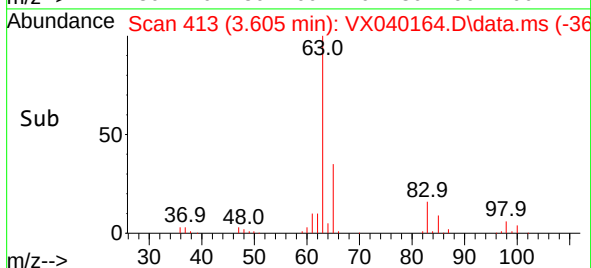
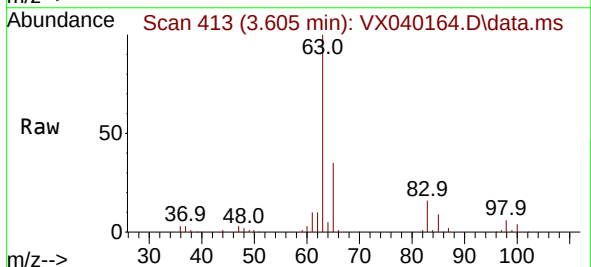
Manual Integrations
APPROVED

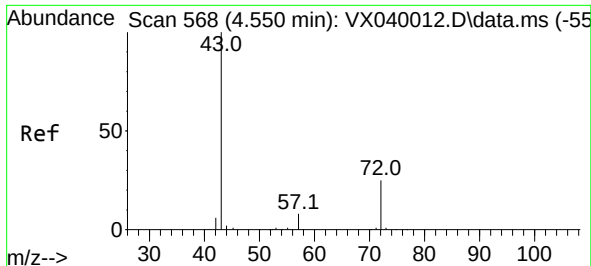
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#24
1,1-Dichloroethane
Concen: 60.647 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 63 Resp: 77396
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.8
100 3.8 2.1 6.5





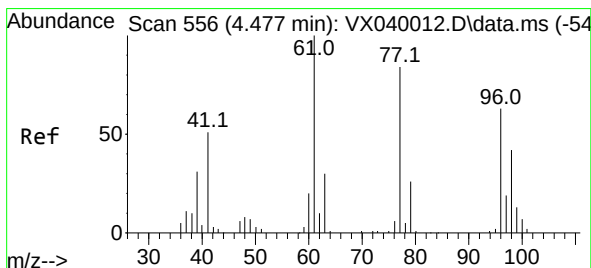
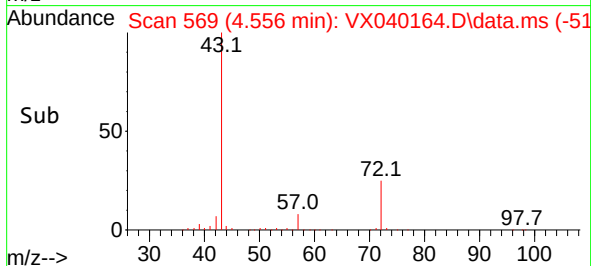
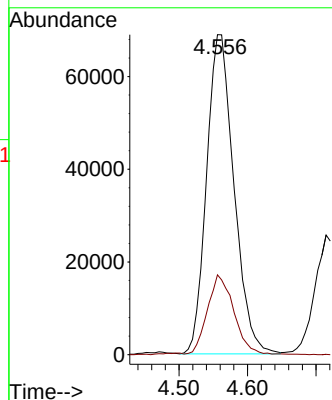
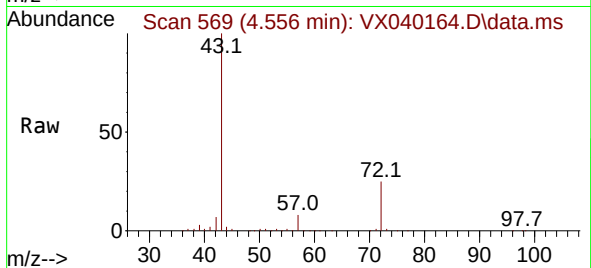
#25
2-Butanone
Concen: 321.641 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 191298
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

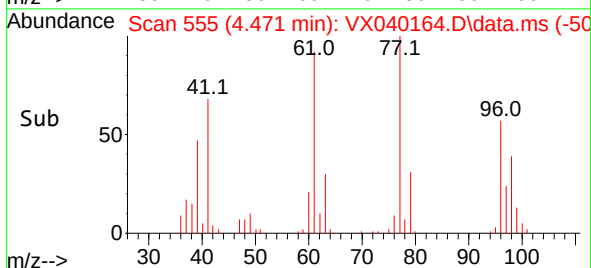
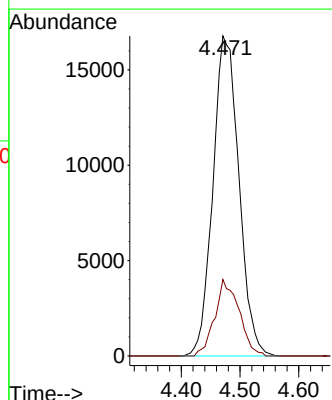
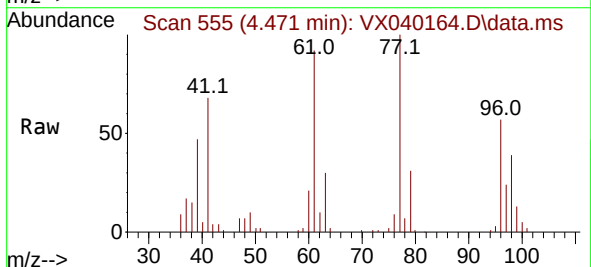
Manual Integrations
APPROVED

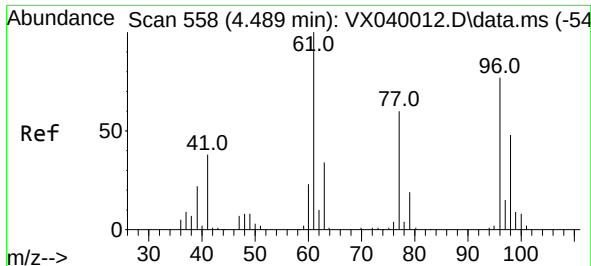
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#26
2,2-Dichloropropane
Concen: 51.786 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 77 Resp: 51566
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 57.604 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 4517

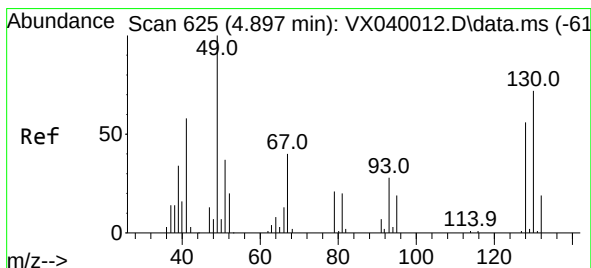
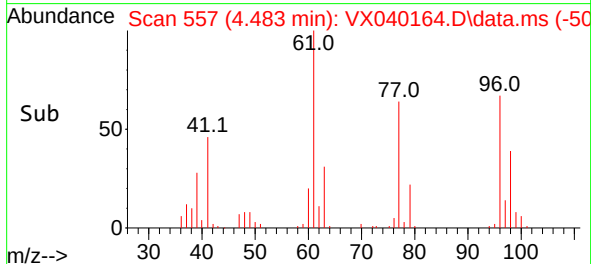
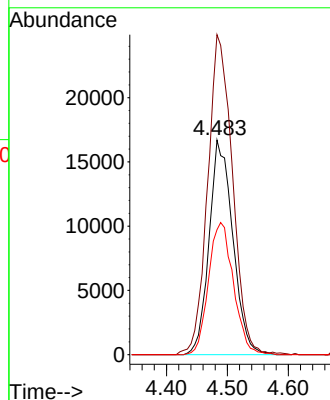
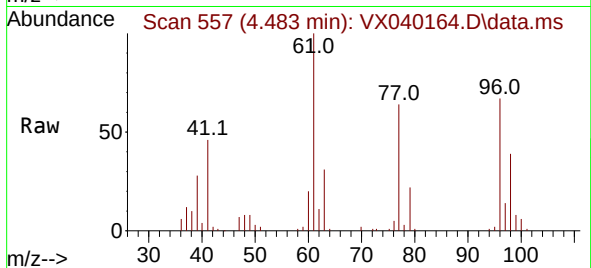
Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	312.2
98	64.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#28

Bromochloromethane

Concen: 55.434 ug/l

RT: 4.898 min Scan# 625

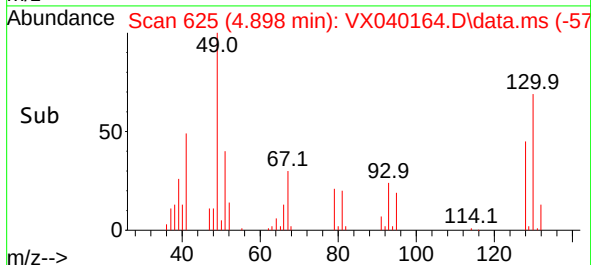
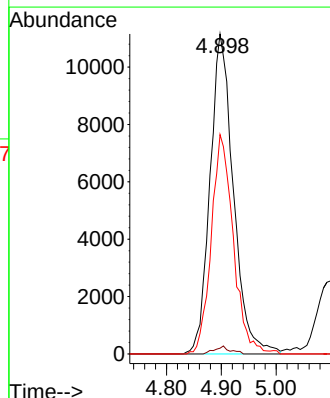
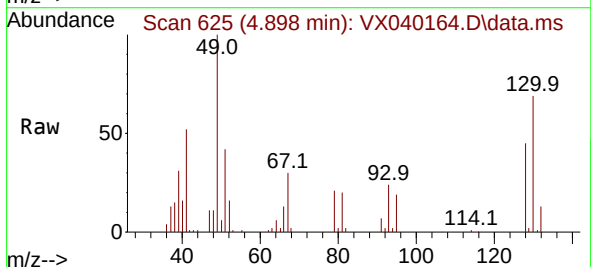
Delta R.T. 0.000 min

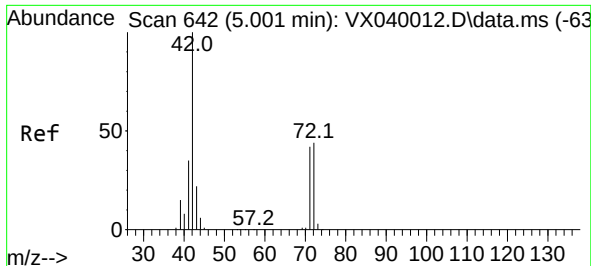
Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Tgt Ion: 49 Resp: 32988

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	64.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 339.701 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 12846

Ion Ratio Lower Upper

42 100

72 41.5 34.2 51.4

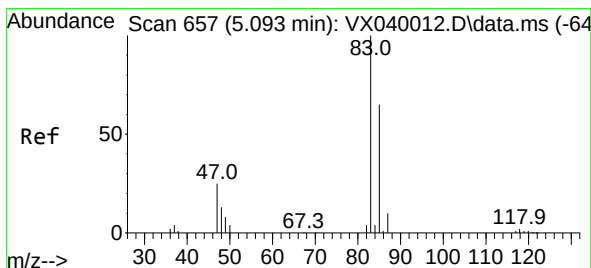
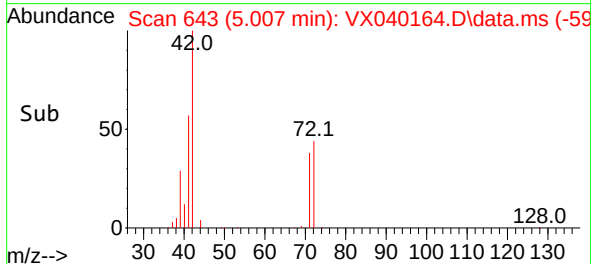
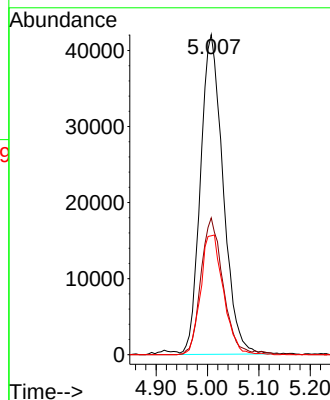
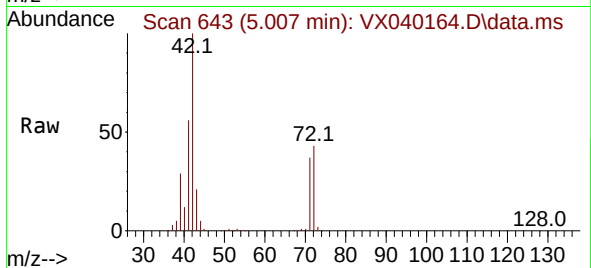
71 38.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#30

Chloroform

Concen: 56.812 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040164.D

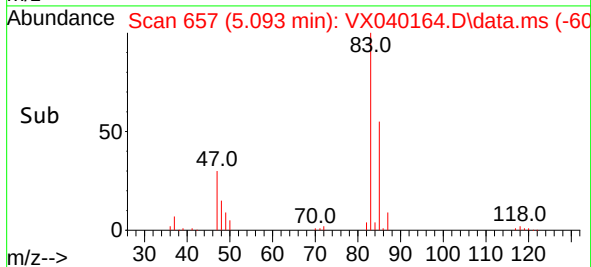
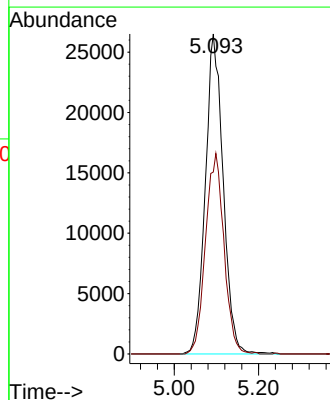
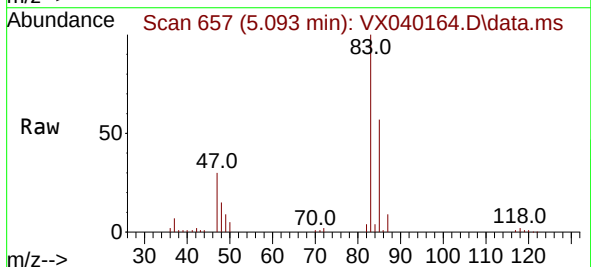
Acq: 07 Feb 2024 19:56

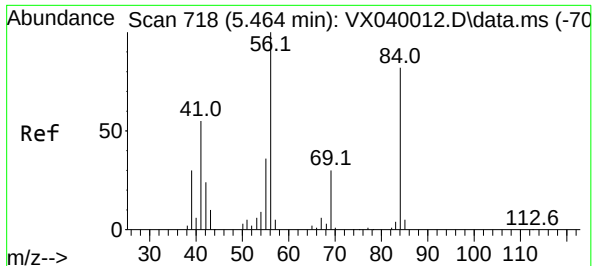
Tgt Ion: 83 Resp: 77851

Ion Ratio Lower Upper

83 100

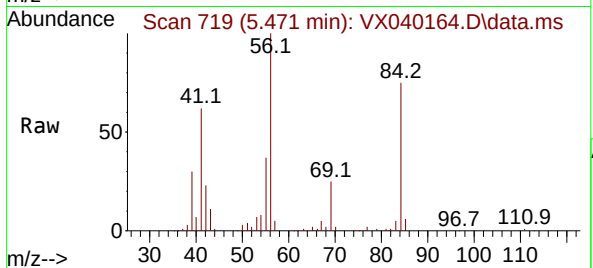
85 56.8 50.3 75.5





#31
Cyclohexane
Concen: 59.364 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

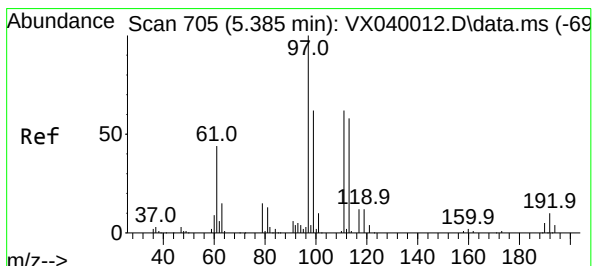
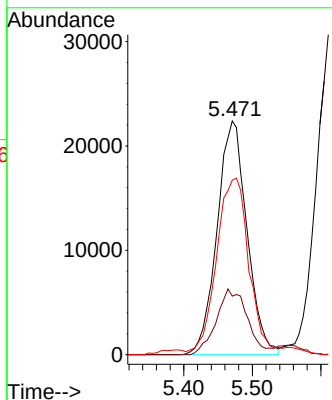
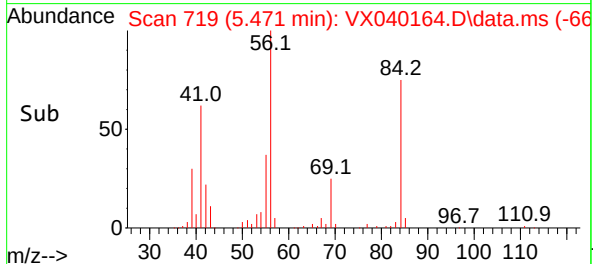
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 67902
Ion Ratio Lower Upper
56 100
69 25.0 23.4 35.2
84 72.6 65.9 98.9

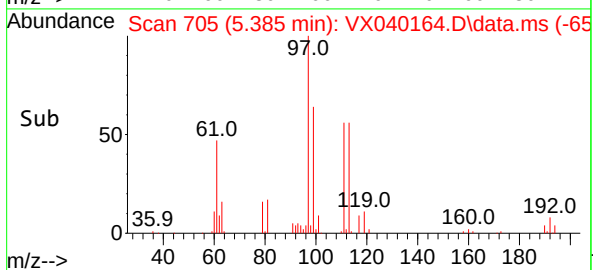
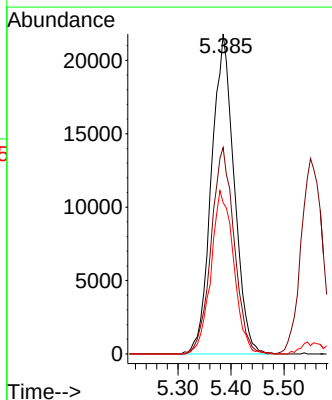
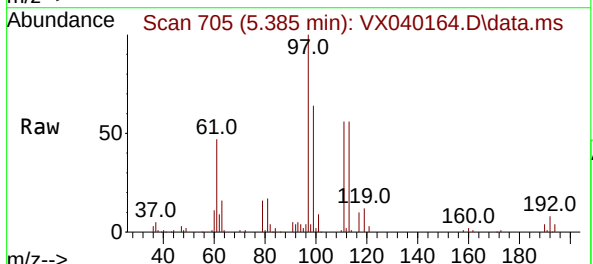
Manual Integrations
APPROVED

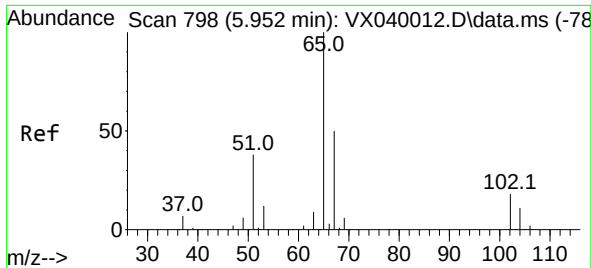
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#32
1,1,1-Trichloroethane
Concen: 55.057 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 97 Resp: 64748
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 51.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.092 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 49394

Ion Ratio Lower Upper

65 100

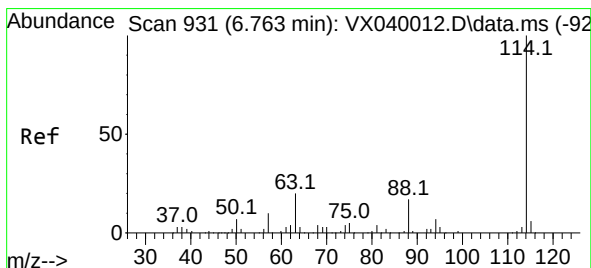
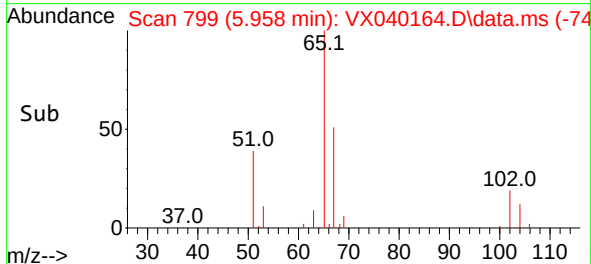
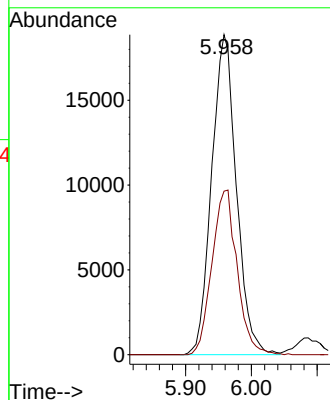
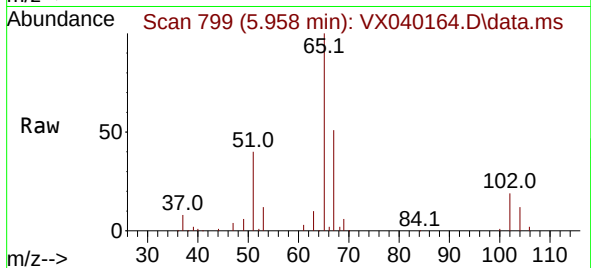
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

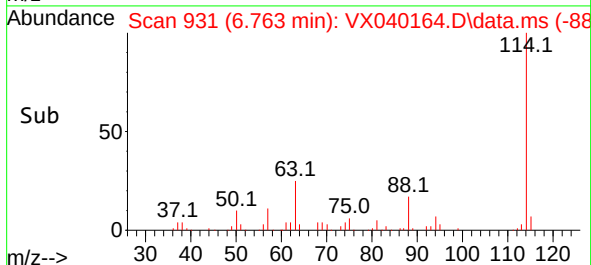
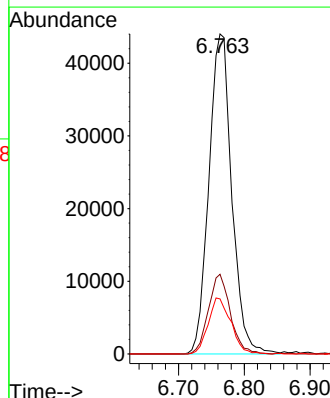
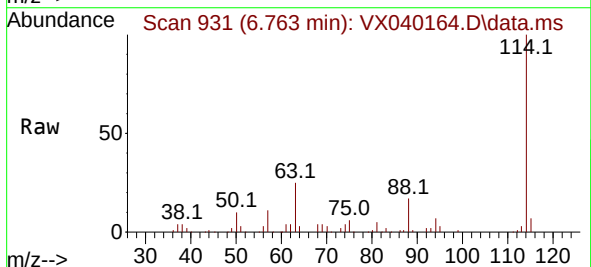
Tgt Ion:114 Resp: 106514

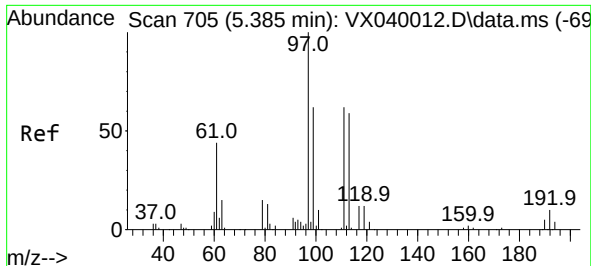
Ion Ratio Lower Upper

114 100

63 24.9 0.0 45.0

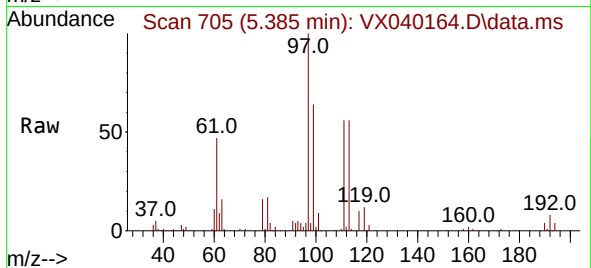
88 17.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

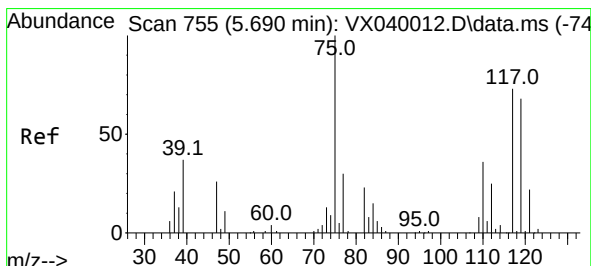
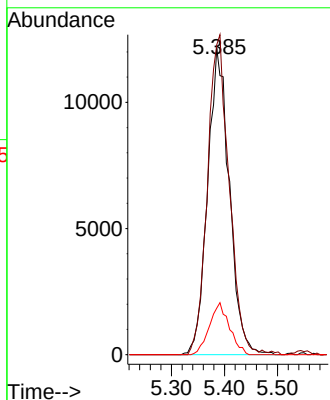
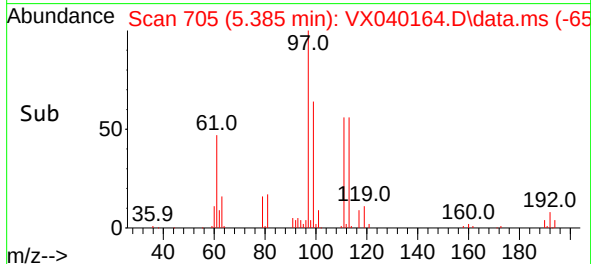
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 34589
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 15.6 13.3 19.9

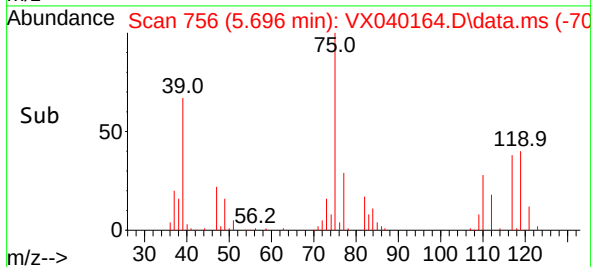
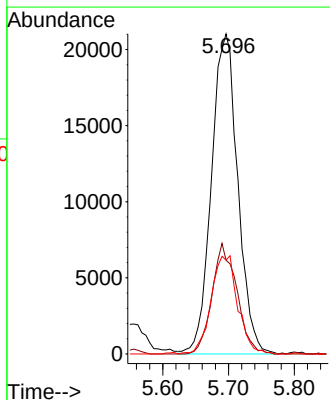
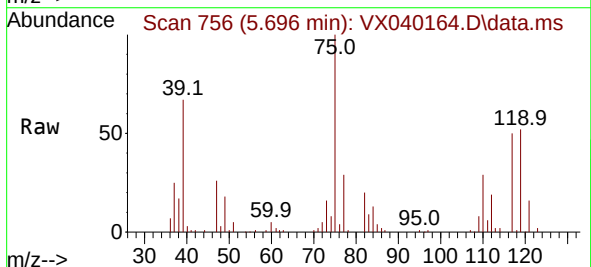
Manual Integrations
APPROVED

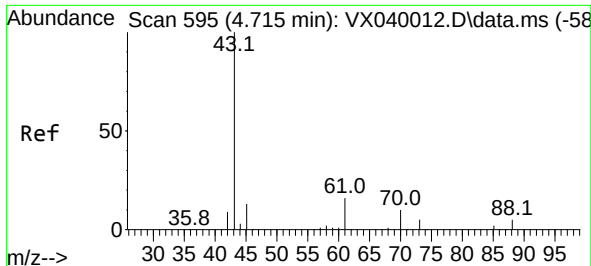
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#36
1,1-Dichloropropene
Concen: 56.015 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

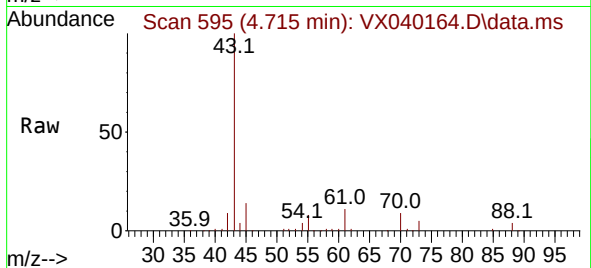
Tgt Ion: 75 Resp: 58740
Ion Ratio Lower Upper
75 100
110 32.3 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 63.392 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

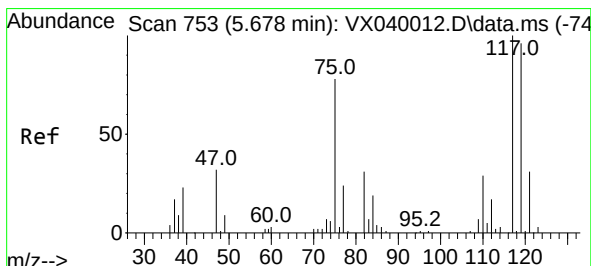
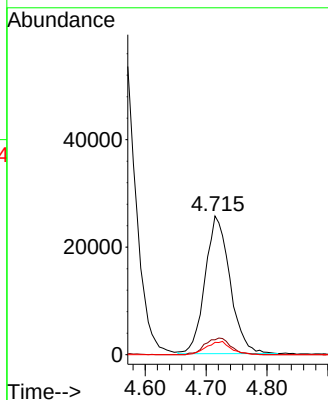
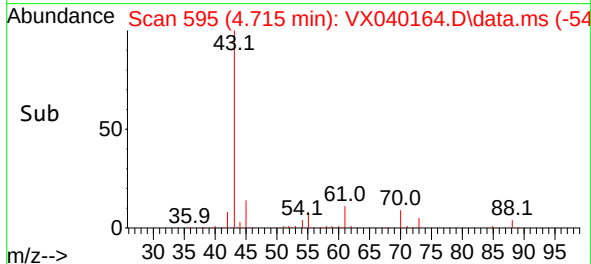
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 72598
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 9.4 8.3 12.5

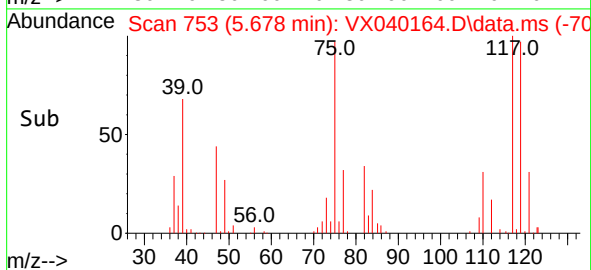
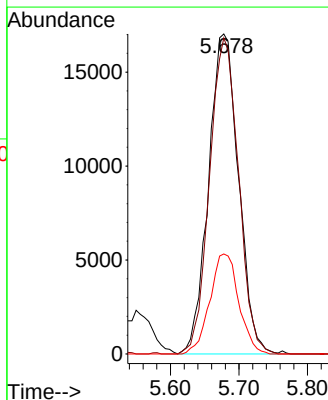
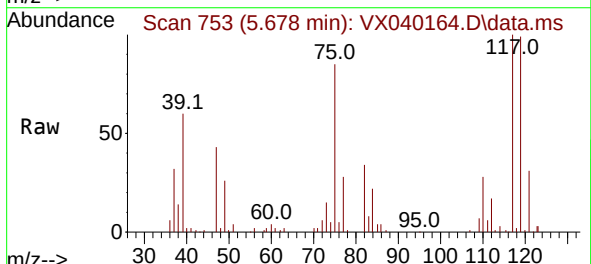
Manual Integrations
APPROVED

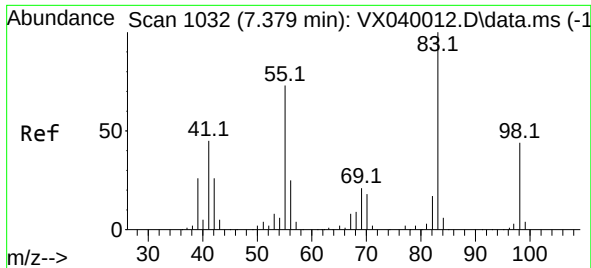
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#38
Carbon Tetrachloride
Concen: 51.488 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:117 Resp: 51661
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.2
121 31.3 24.4 36.6





#39
Methylcyclohexane
Concen: 52.353 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

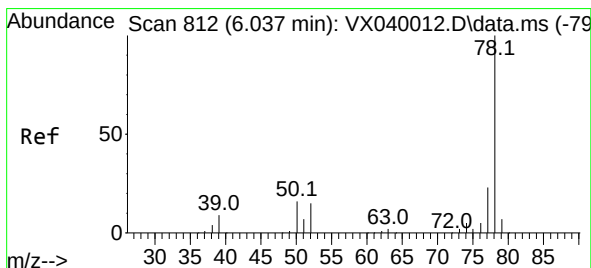
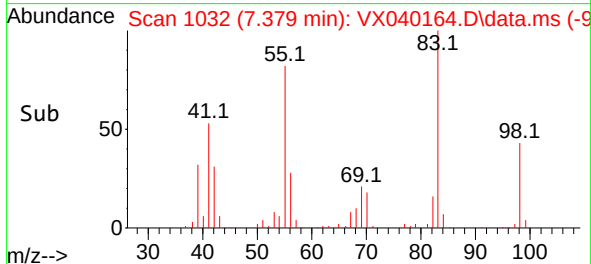
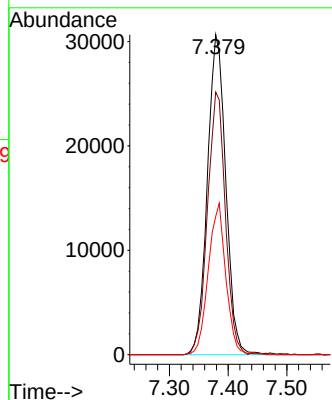
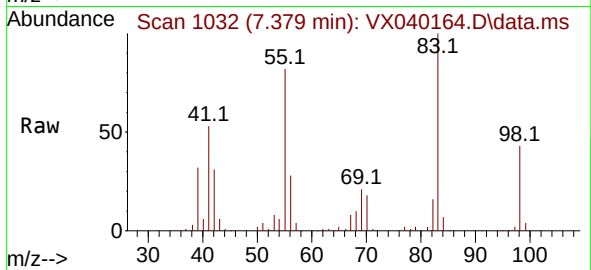
Tgt Ion: 83 Resp: 66795
Ion Ratio Lower Upper
83 100
55 82.1 64.6 97.0
98 43.2 36.7 55.1

Manual Integrations

APPROVED

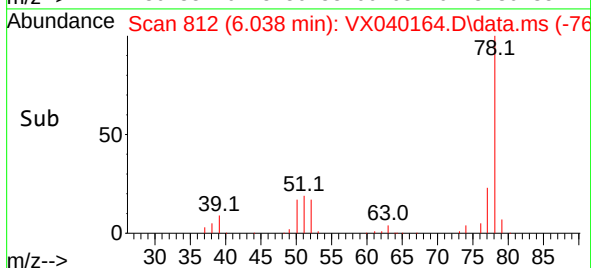
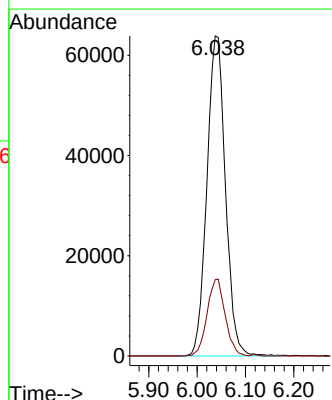
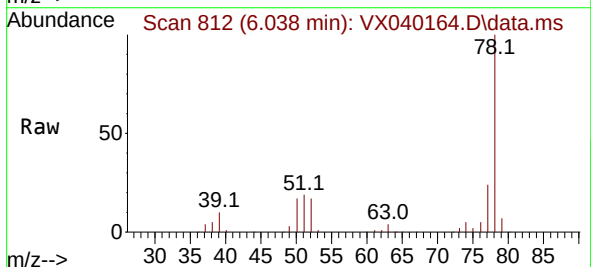
Reviewed By :John Carlone 02/08/2024

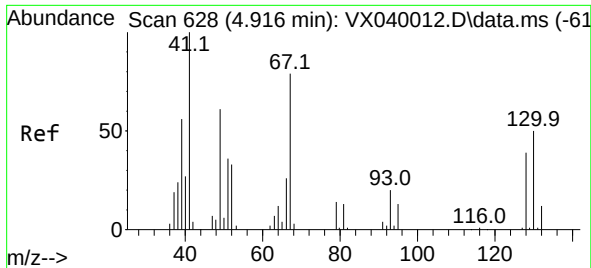
Supervised By :Semsettin Yesilyurt 02/08/2024



#40
Benzene
Concen: 55.636 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 78 Resp: 169927
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 69.375 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

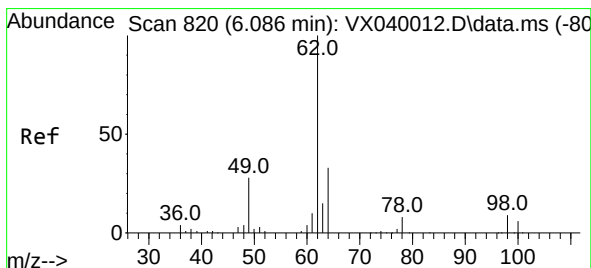
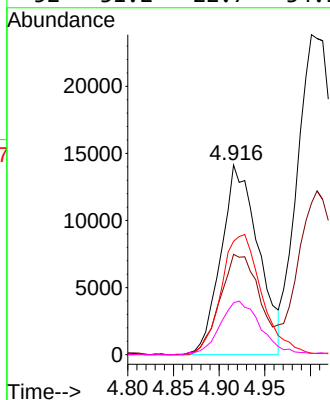
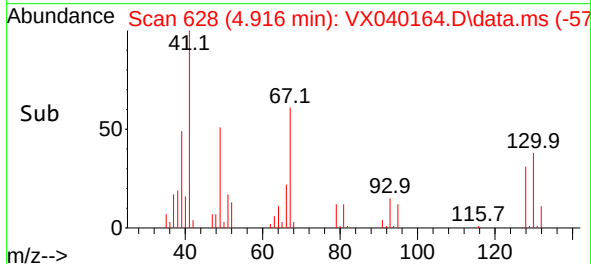
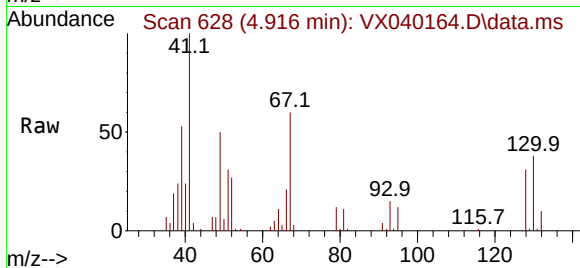
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 40292

Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.2	67.8
67	68.5	52.6	78.8
52	31.2	22.7	34.1

Manual Integrations
APPROVED

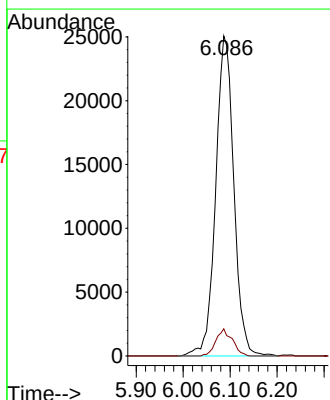
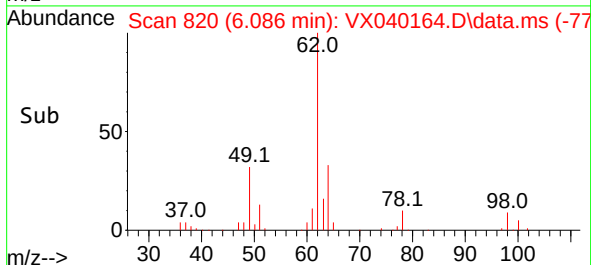
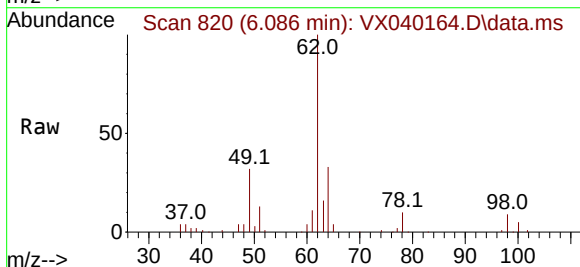
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

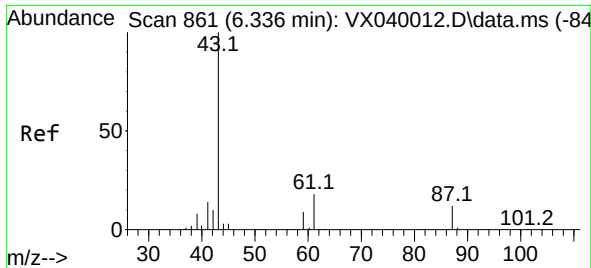


#42
1,2-Dichloroethane
Concen: 57.352 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 62 Resp: 67430

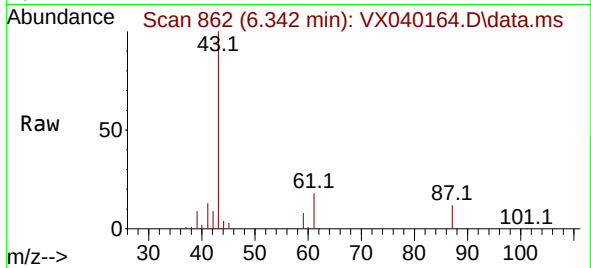
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0





#43
Isopropyl Acetate
Concen: 63.879 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

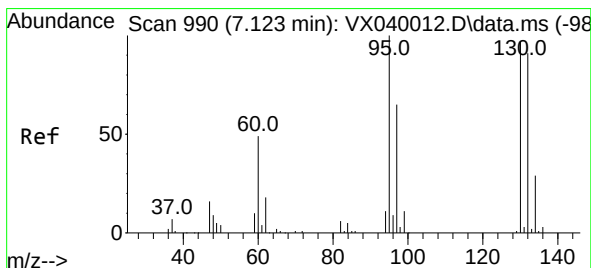
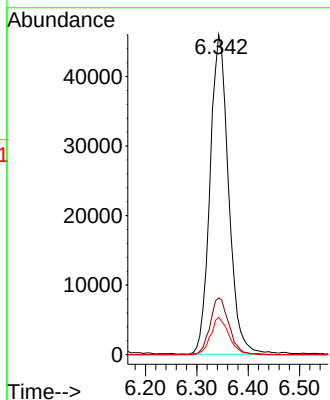
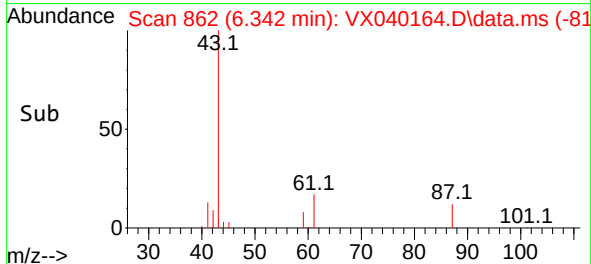
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



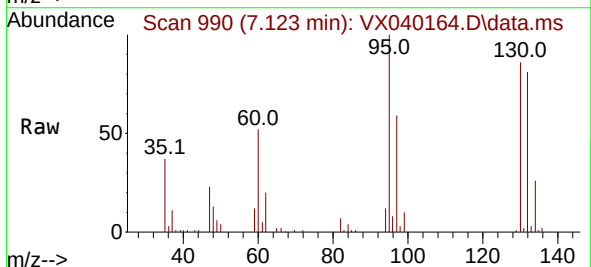
Tgt Ion: 43 Resp: 11536
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 11.5 9.8 14.6

Manual Integrations
APPROVED

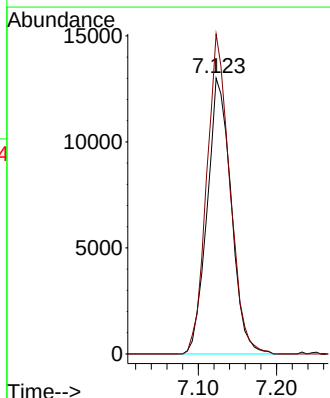
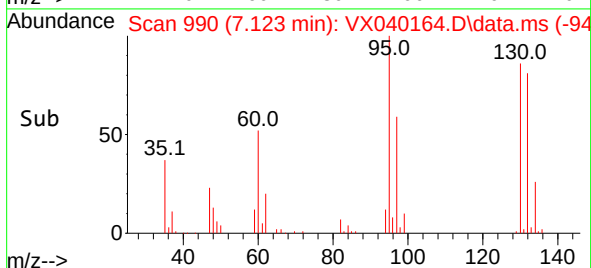
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

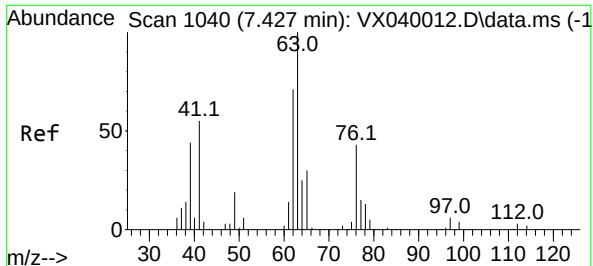


#44
Trichloroethene
Concen: 34.436 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



Tgt Ion:130 Resp: 27678
Ion Ratio Lower Upper
130 100
95 116.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 58.062 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4682

Ion Ratio Lower Upper

63 100

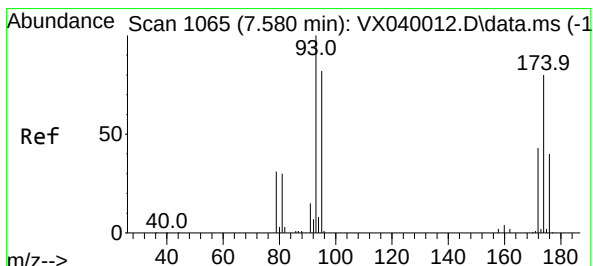
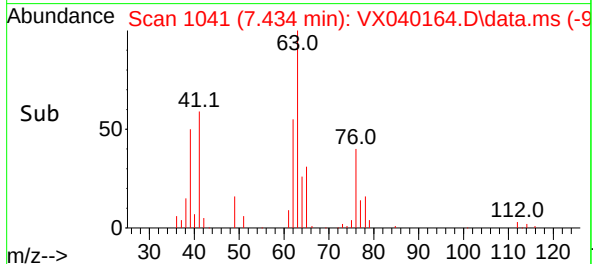
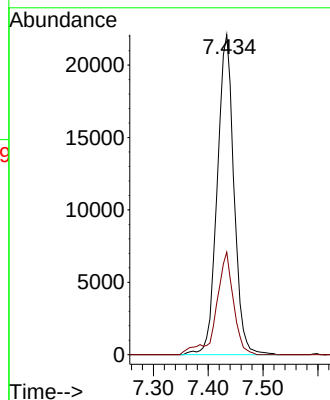
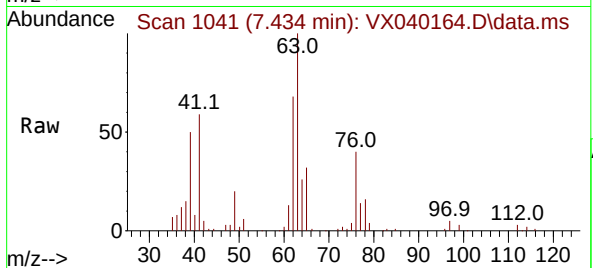
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#46

Dibromomethane

Concen: 52.947 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

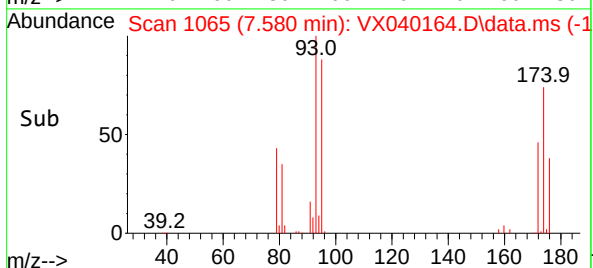
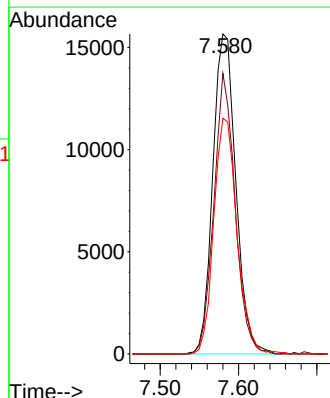
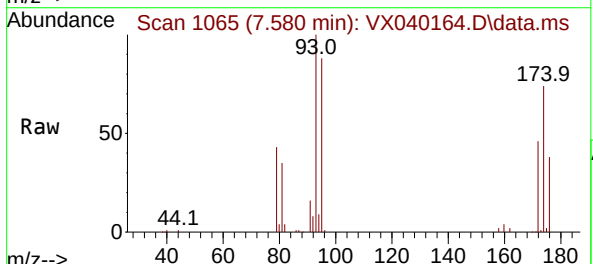
Tgt Ion: 93 Resp: 32048

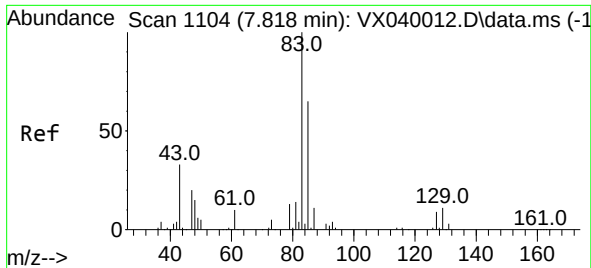
Ion Ratio Lower Upper

93 100

95 80.6 66.6 100.0

174 74.1 69.4 104.0





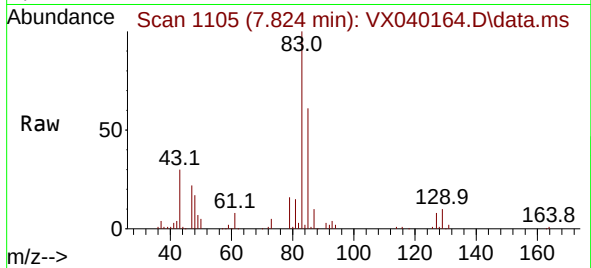
#47
Bromodichloromethane
Concen: 58.047 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



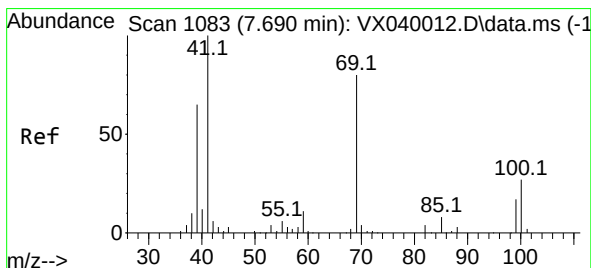
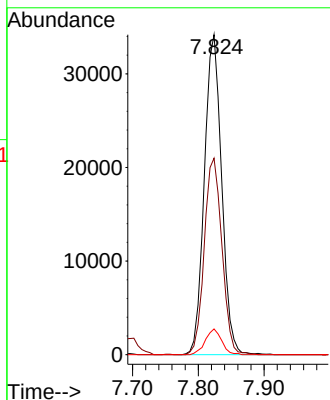
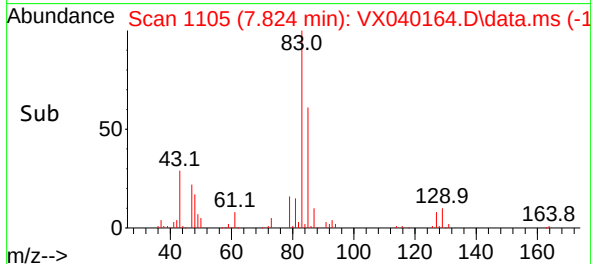
Tgt Ion: 83 Resp: 6257
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 8.0 7.1 10.7

Manual Integrations

APPROVED

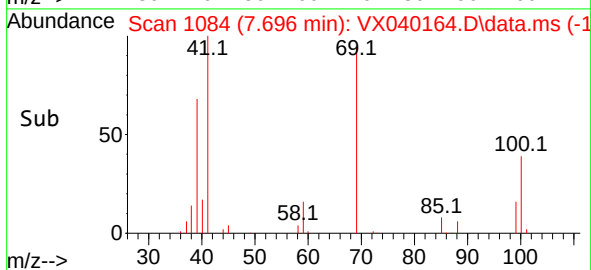
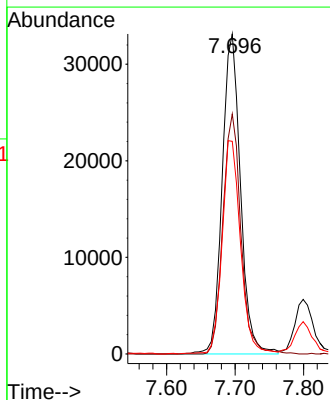
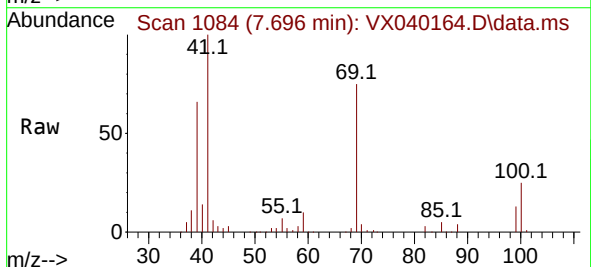
Reviewed By :John Carlone 02/08/2024

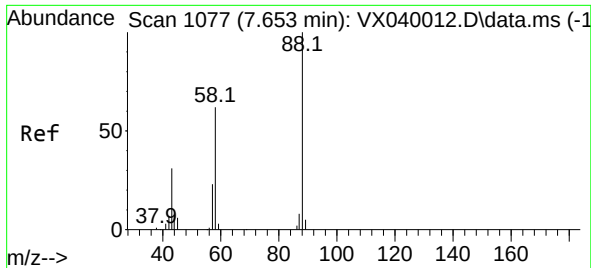
Supervised By :Semsettin Yesilyurt 02/08/2024



#48
Methyl methacrylate
Concen: 68.762 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

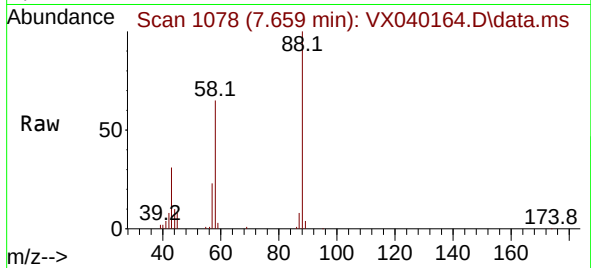
Tgt Ion: 41 Resp: 61174
Ion Ratio Lower Upper
41 100
69 74.1 59.2 88.8
39 67.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1196.222 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

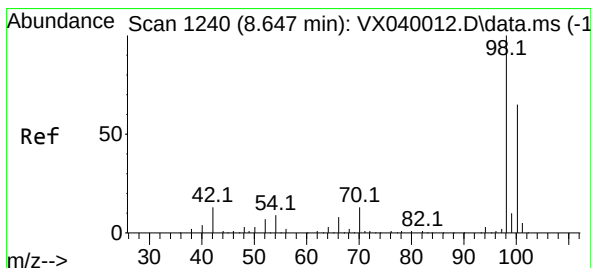
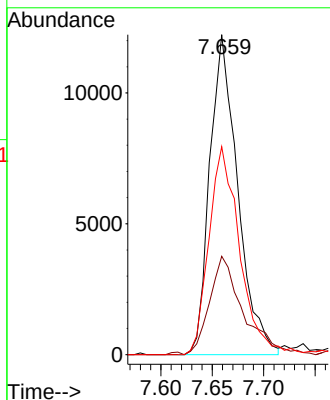
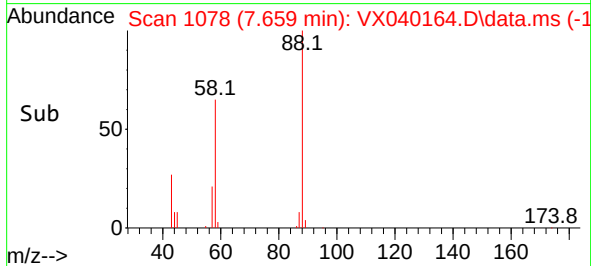
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 23120
Ion Ratio Lower Upper
88 100
43 37.2 0.0 0.0
58 71.6 60.1 90.1

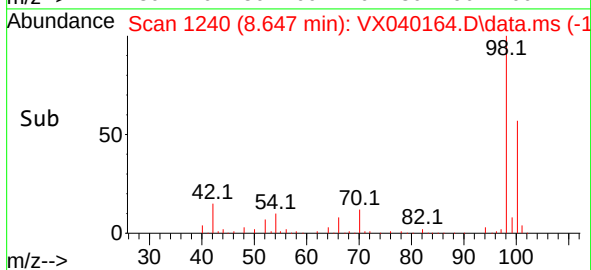
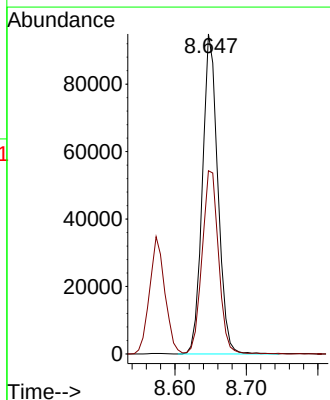
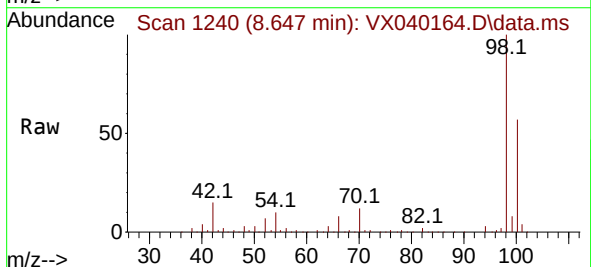
Manual Integrations
APPROVED

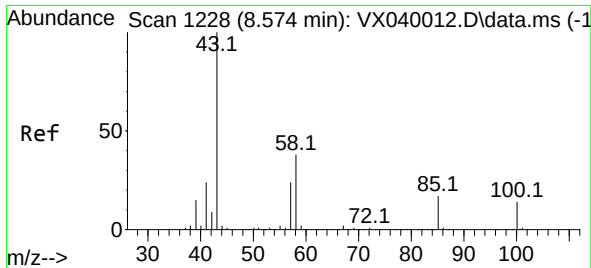
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#50
Toluene-d8
Concen: 52.413 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 98 Resp: 142123
Ion Ratio Lower Upper
98 100
100 61.0 53.1 79.7





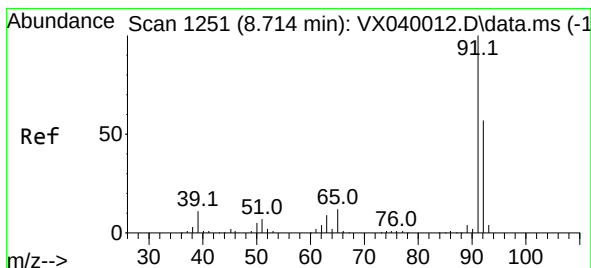
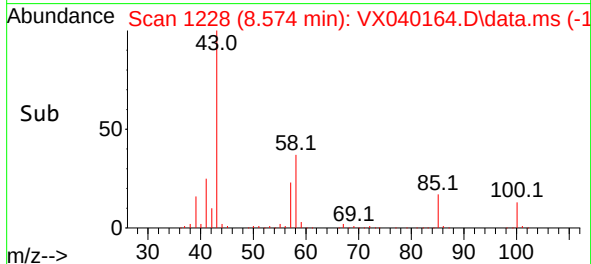
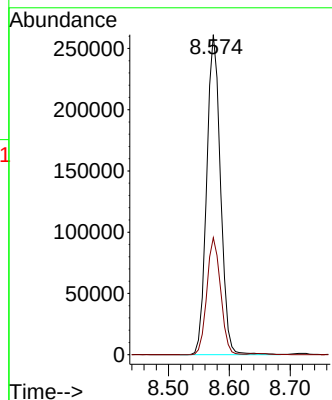
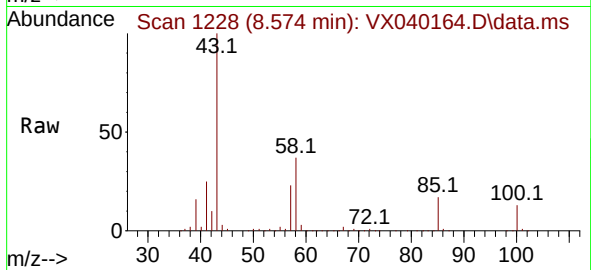
#51
4-Methyl-2-Pentanone
Concen: 333.988 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 411752
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

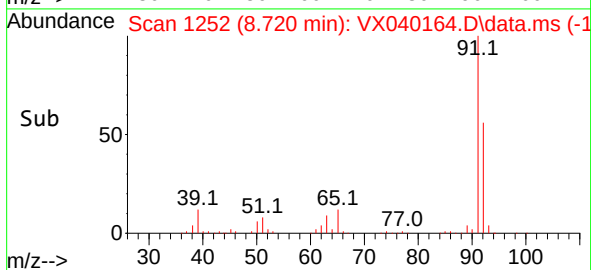
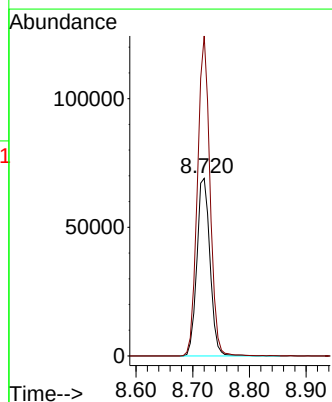
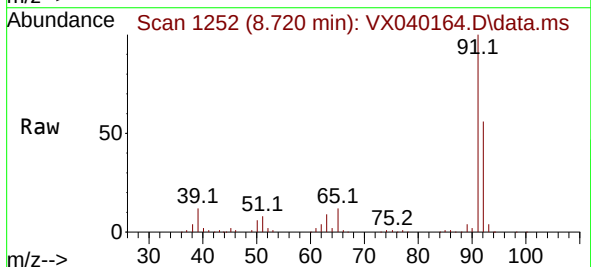
Manual Integrations
APPROVED

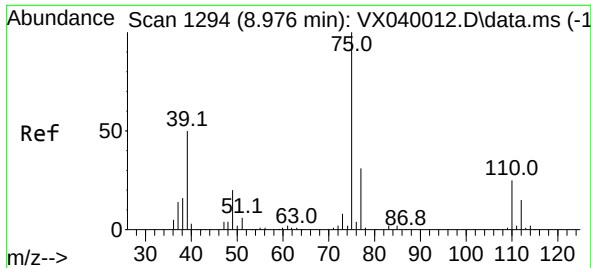
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#52
Toluene
Concen: 58.200 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 92 Resp: 110794
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.663 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 6447

Ion Ratio Lower Upper

75 100

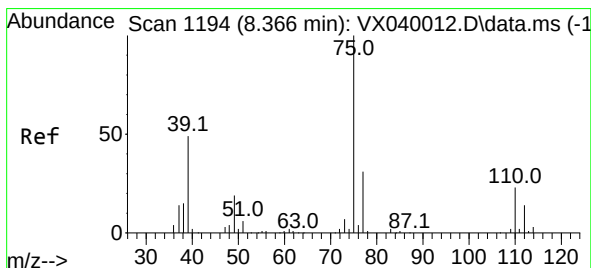
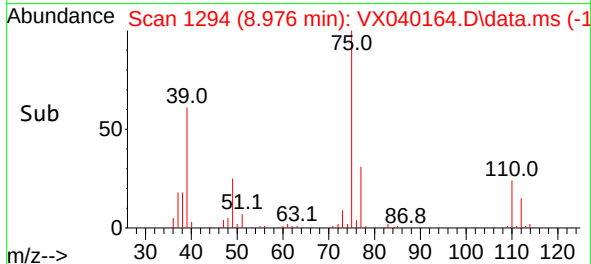
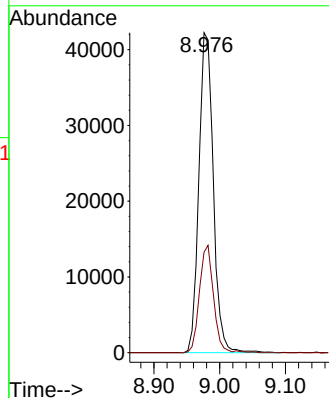
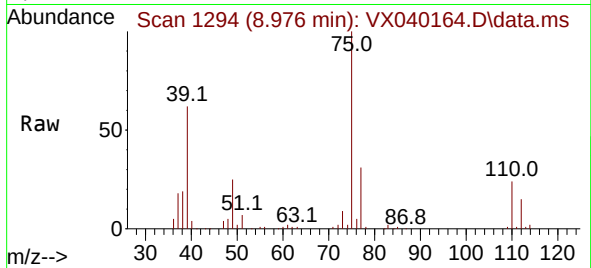
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#54

cis-1,3-Dichloropropene

Concen: 59.749 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

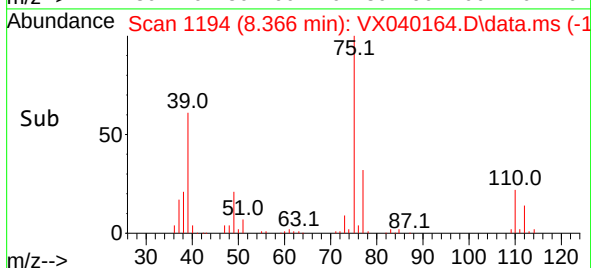
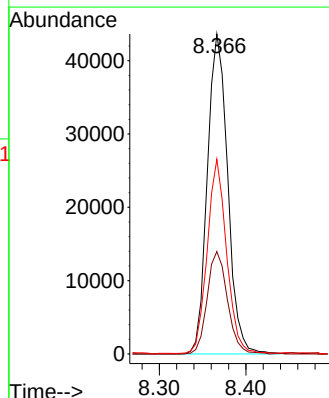
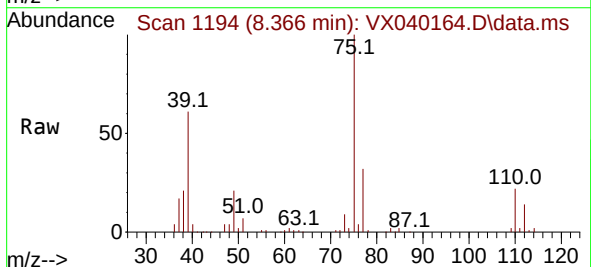
Tgt Ion: 75 Resp: 71285

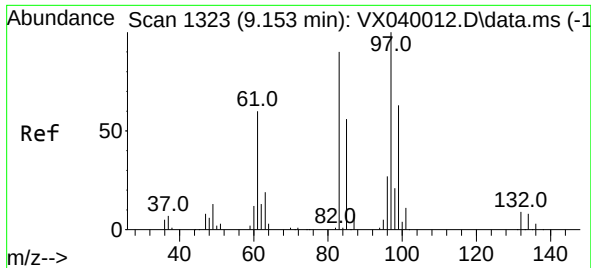
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 60.6 46.7 70.1





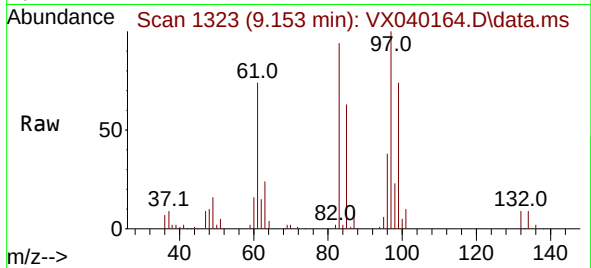
#55
1,1,2-Trichloroethane
Concen: 55.438 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



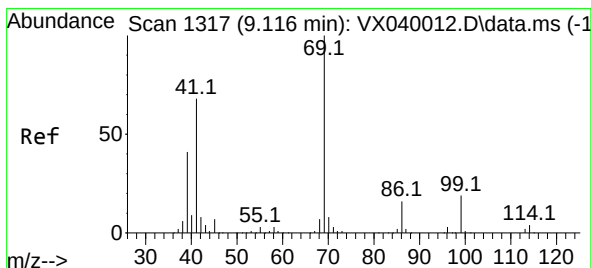
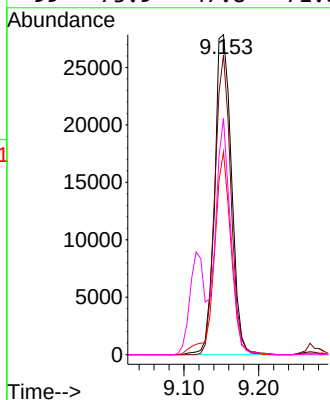
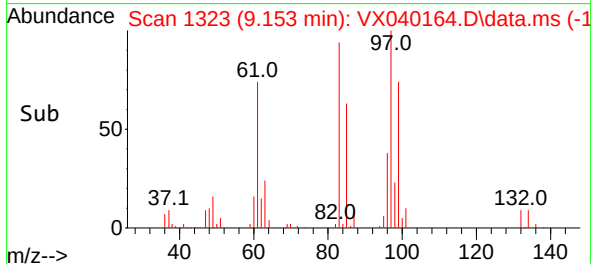
Tgt Ion:	97	Resp:	43684
Ion	Ratio	Lower	Upper
97	100		
83	93.7	65.8	98.8
85	63.4	41.6	62.4
99	73.9	47.8	71.8

Manual Integrations

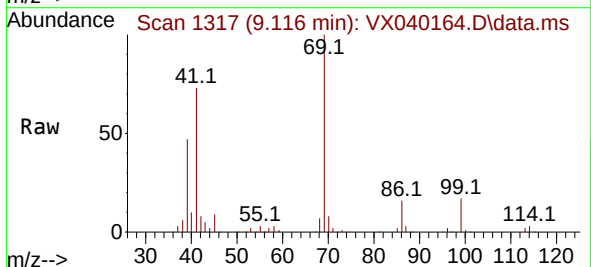
APPROVED

Reviewed By :John Carlone 02/08/2024

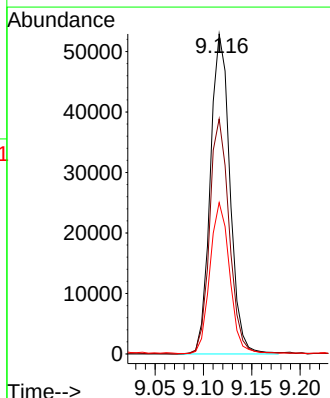
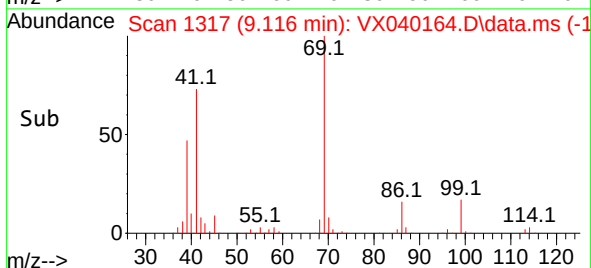
Supervised By :Semsettin Yesilyurt 02/08/2024

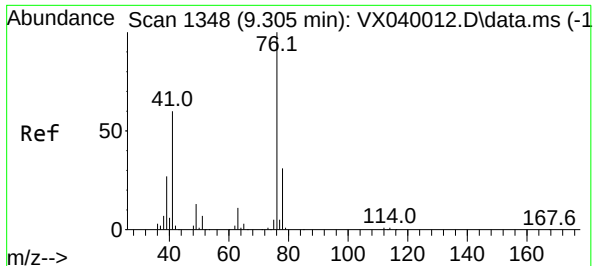


#56
Ethyl methacrylate
Concen: 64.835 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



Tgt Ion:	69	Resp:	74603
Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.8	85.2
39	47.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 57.561 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 74710

Ion Ratio Lower Upper

76 100

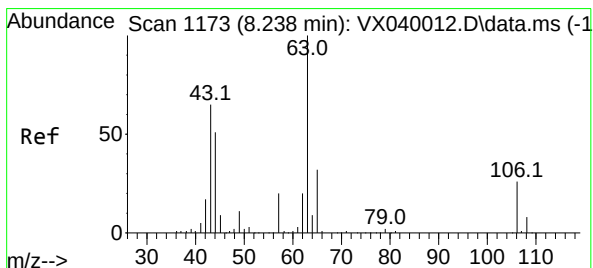
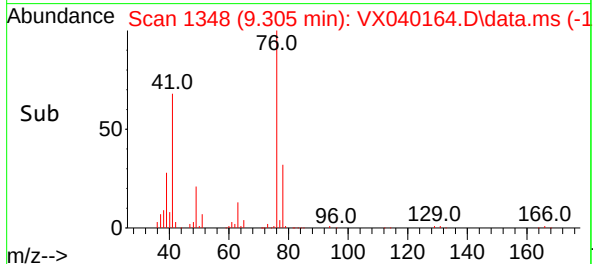
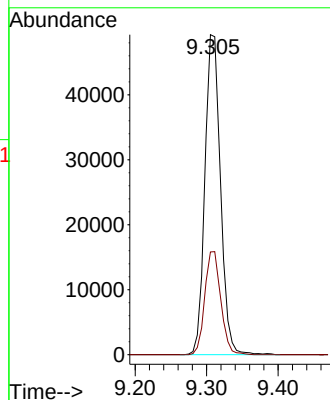
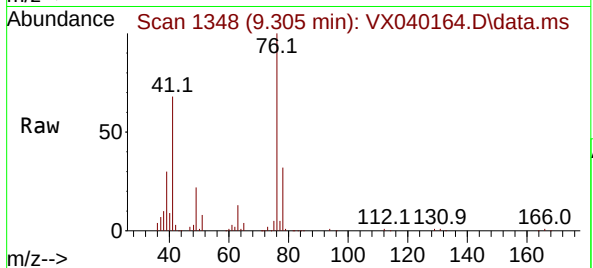
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#58

2-Chloroethyl Vinyl ether

Concen: 300.453 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040164.D

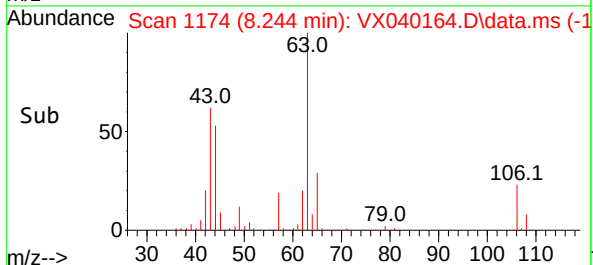
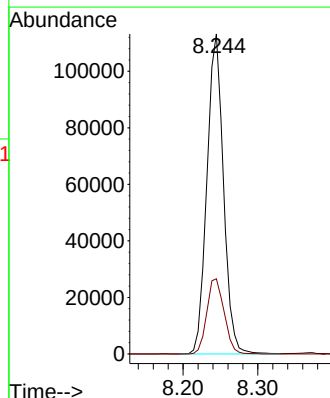
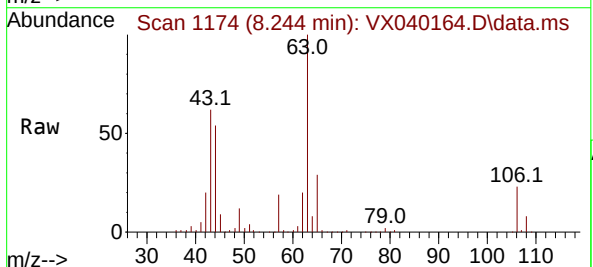
Acq: 07 Feb 2024 19:56

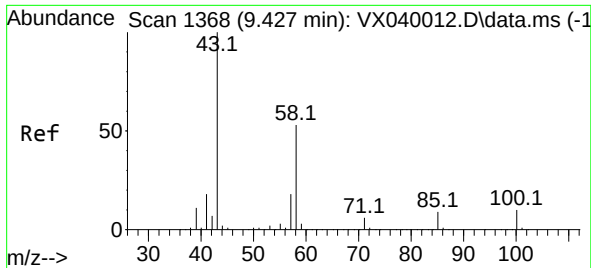
Tgt Ion: 63 Resp: 173850

Ion Ratio Lower Upper

63 100

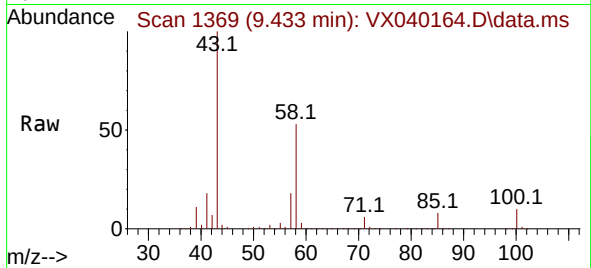
106 24.6 22.5 33.7





#59
2-Hexanone
Concen: 320.359 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

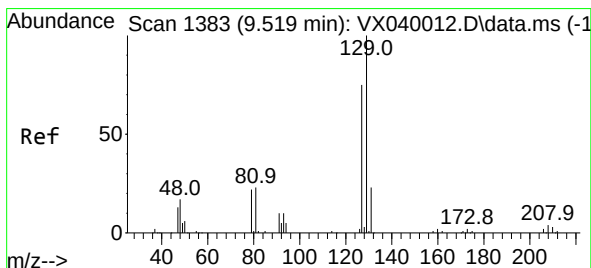
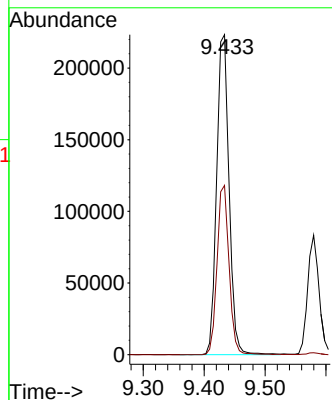
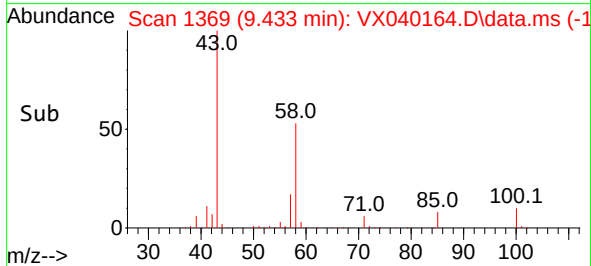
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 314900
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5

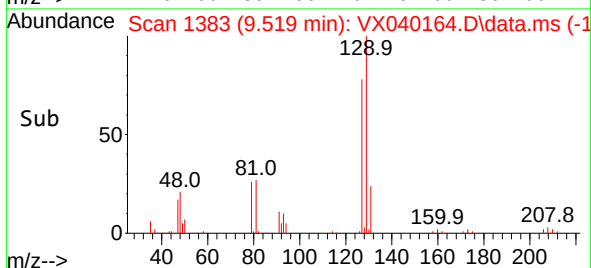
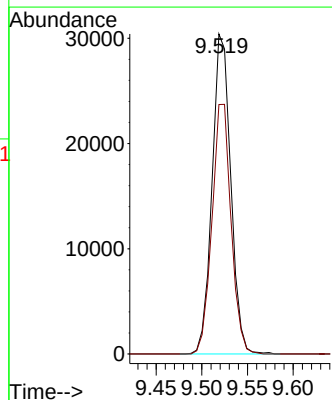
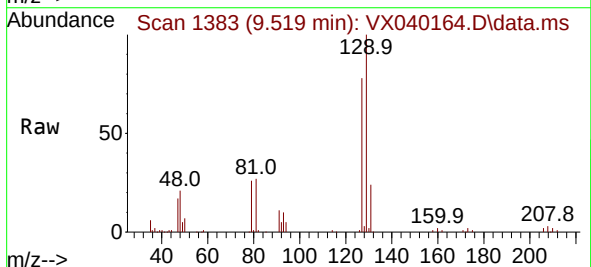
Manual Integrations
APPROVED

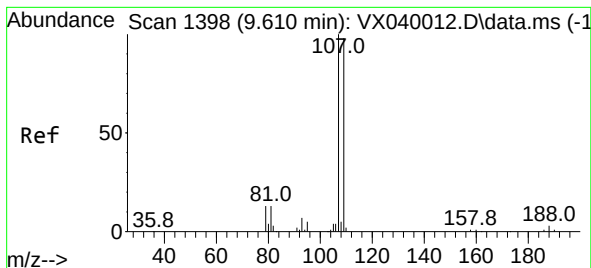
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#60
Dibromochloromethane
Concen: 54.384 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:129 Resp: 43059
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.4





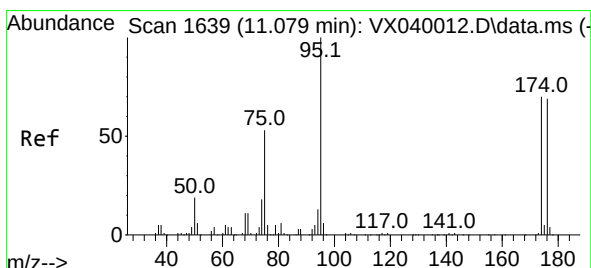
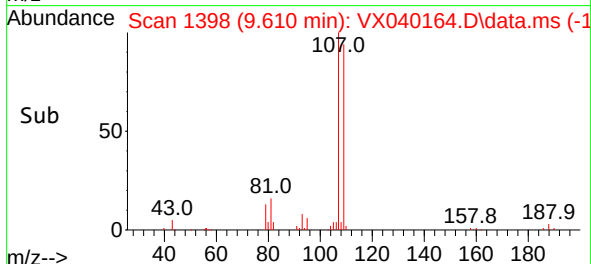
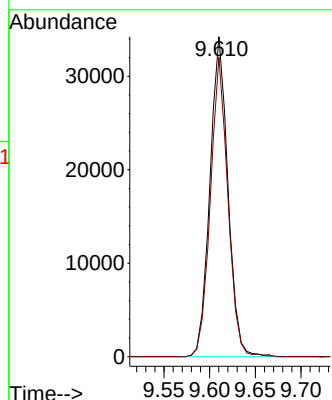
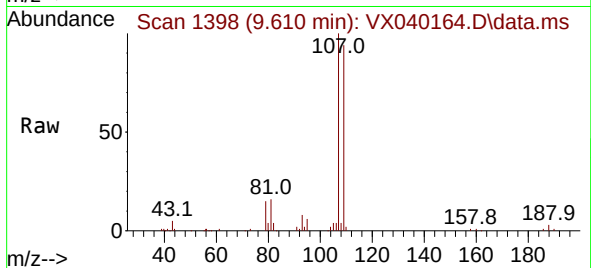
#61
1,2-Dibromoethane
Concen: 54.971 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 46830
Ion Ratio Lower Upper
107 100
109 90.7 75.2 112.8

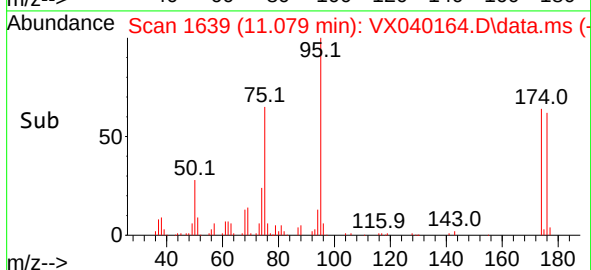
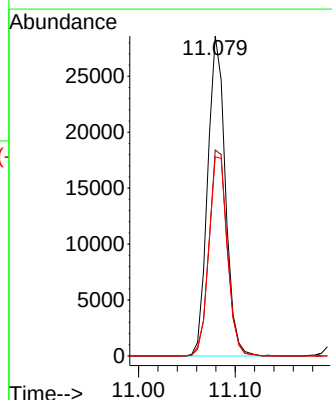
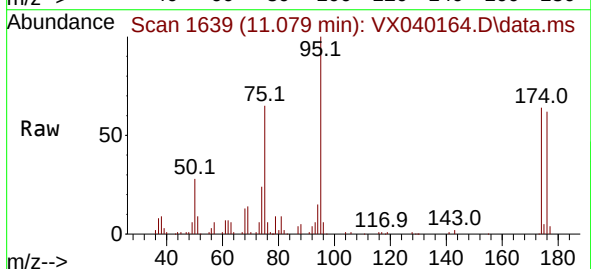
Manual Integrations
APPROVED

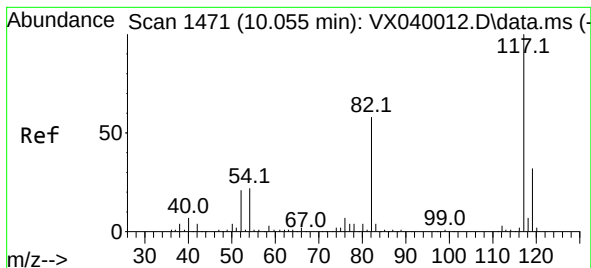
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#62
4-Bromofluorobenzene
Concen: 34.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

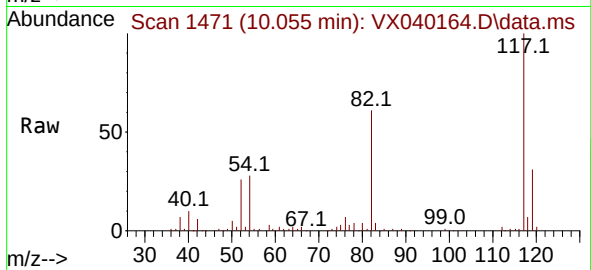
Tgt Ion: 95 Resp: 36329
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 65.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

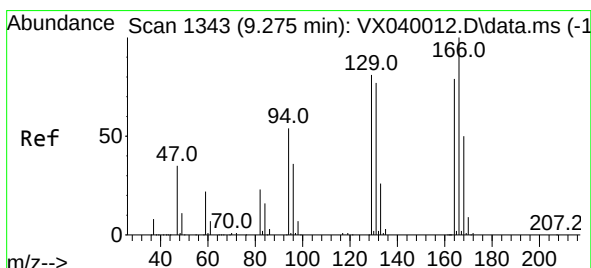
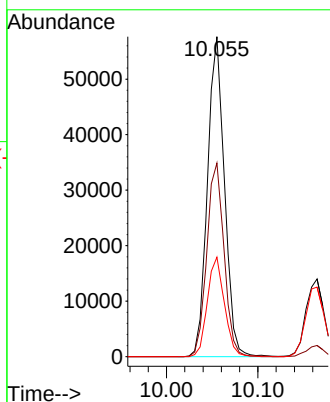
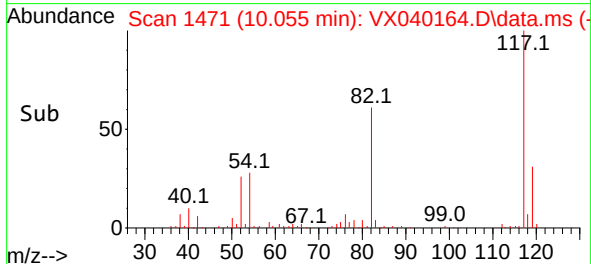
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



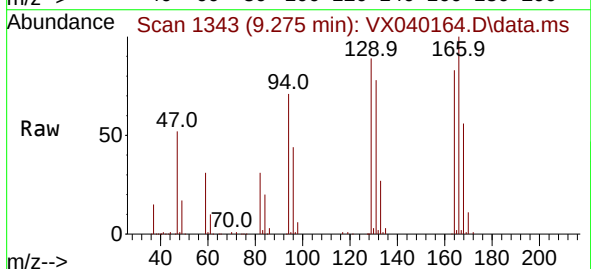
Tgt Ion:117 Resp: 74274
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 31.1 25.5 38.3

Manual Integrations
APPROVED

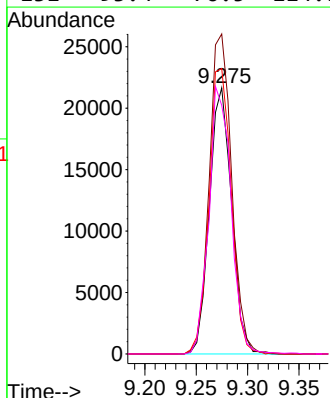
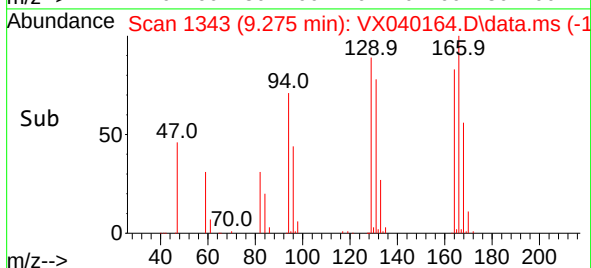
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

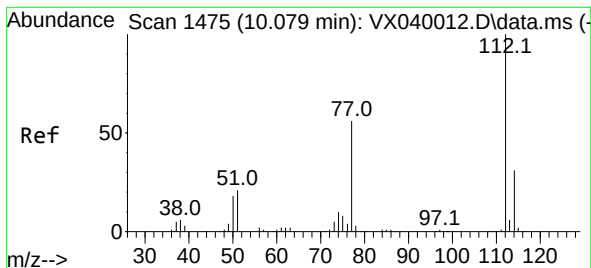


#64
Tetrachloroethene
Concen: 67.474 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



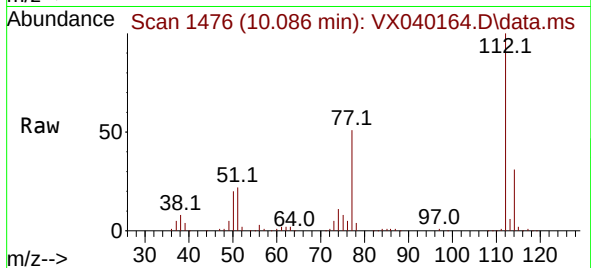
Tgt Ion:164 Resp: 32609
Ion Ratio Lower Upper
164 100
166 120.2 102.7 154.1
129 107.3 80.4 120.6
131 93.4 76.5 114.7





#65
Chlorobenzene
Concen: 58.932 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

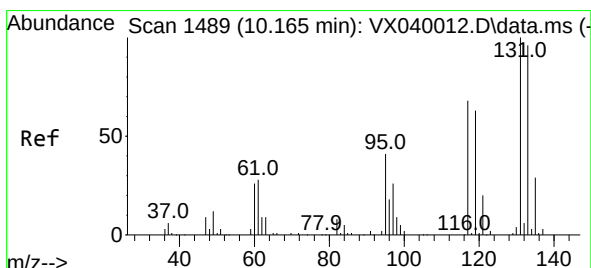
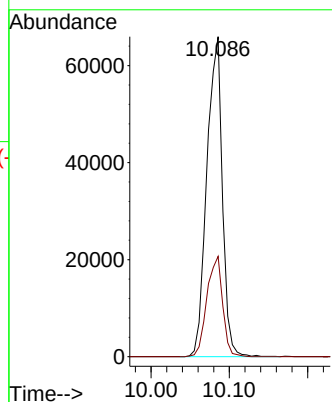
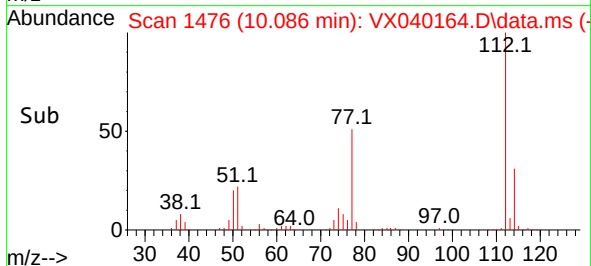
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



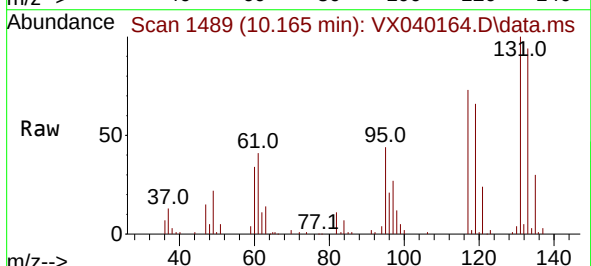
Tgt Ion:112 Resp: 90474
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

Manual Integrations
APPROVED

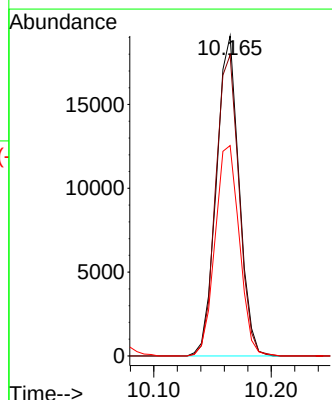
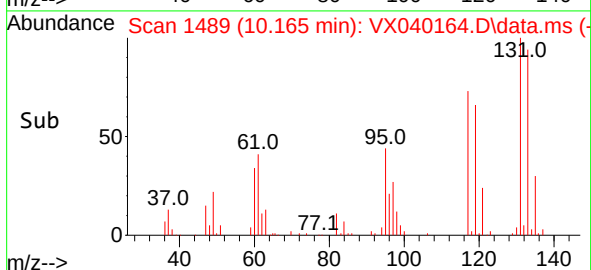
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

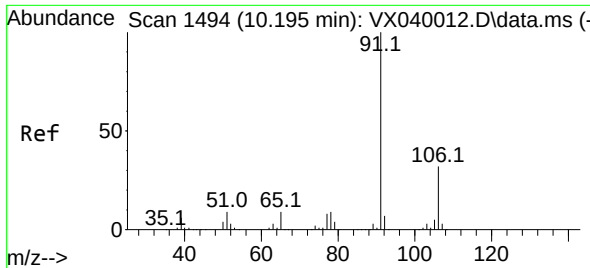


#66
1,1,1,2-Tetrachloroethane
Concen: 49.379 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



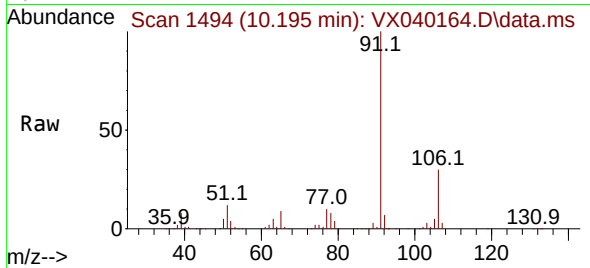
Tgt Ion:131 Resp: 25601
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 70.4 32.2 96.6





#67
Ethyl Benzene
Concen: 56.768 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

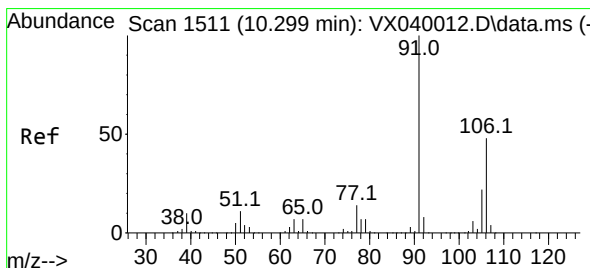
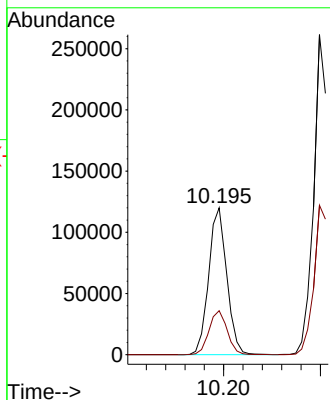
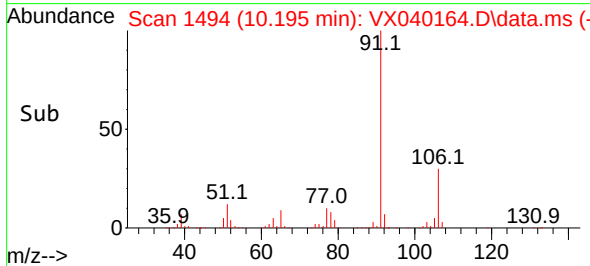
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 156369
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

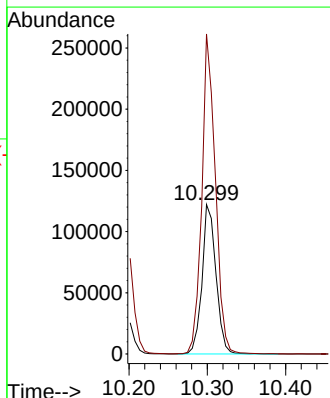
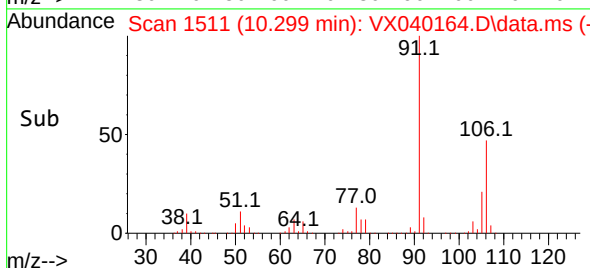
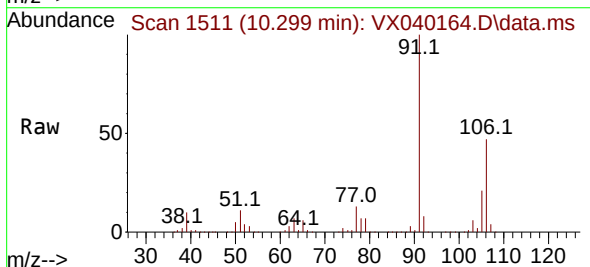
Manual Integrations
APPROVED

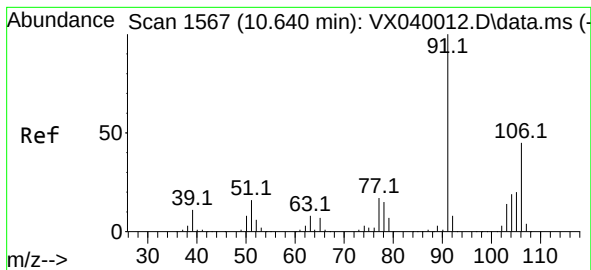
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#68
m/p-Xylenes
Concen: 145.332 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:106 Resp: 150603
Ion Ratio Lower Upper
106 100
91 207.7 165.5 248.3





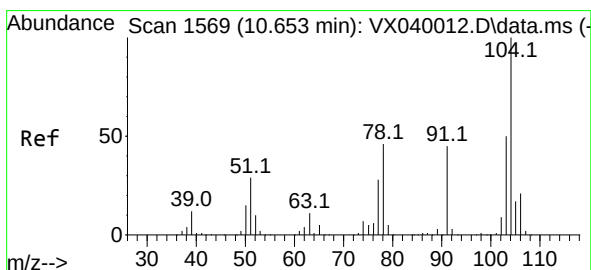
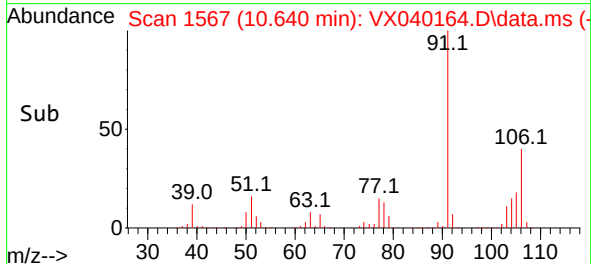
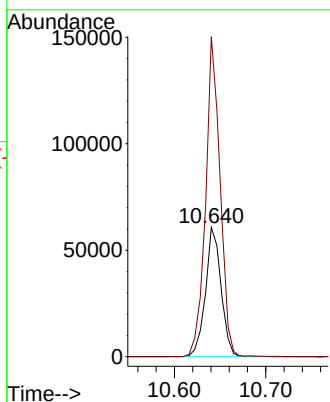
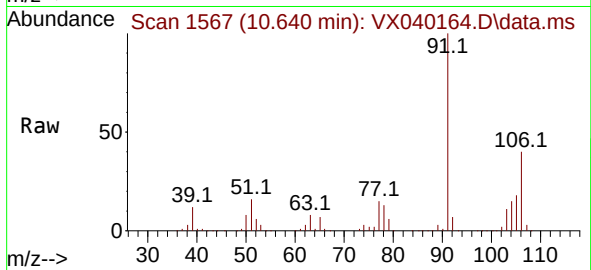
#69
o-Xylene
Concen: 72.973 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 71730
Ion Ratio Lower Upper
106 100
91 231.1 108.9 326.8

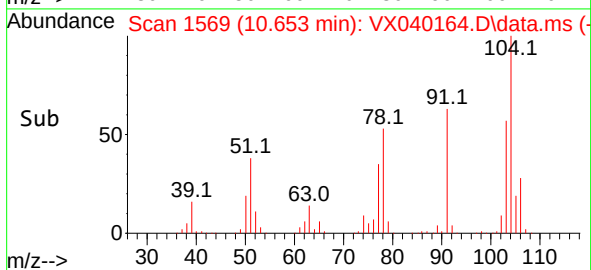
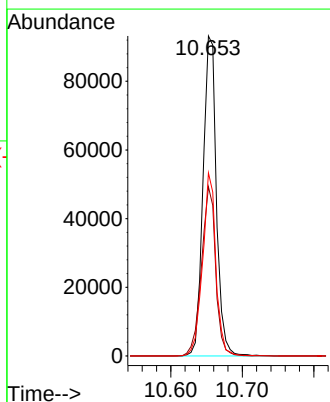
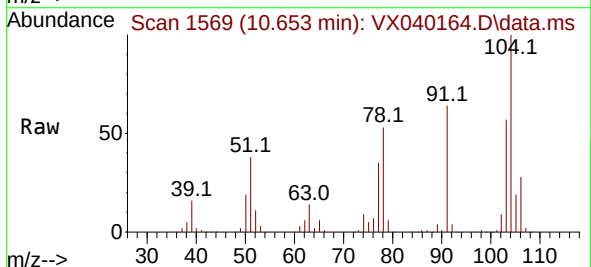
Manual Integrations
APPROVED

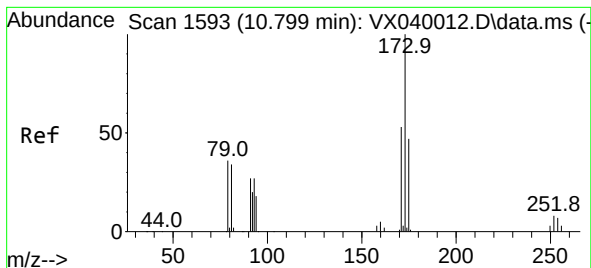
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#70
Styrene
Concen: 73.159 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:104 Resp: 121203
Ion Ratio Lower Upper
104 100
78 56.1 43.6 65.4
103 56.9 43.6 65.4





#71

Bromoform

Concen: 47.054 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 19730

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

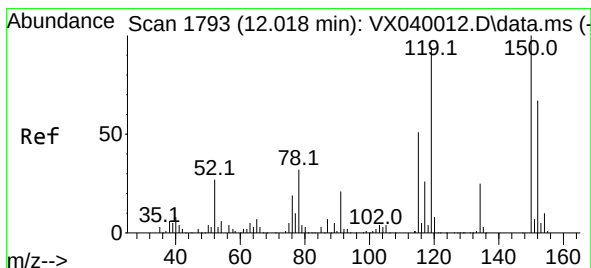
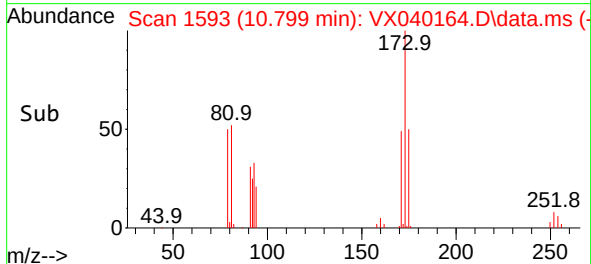
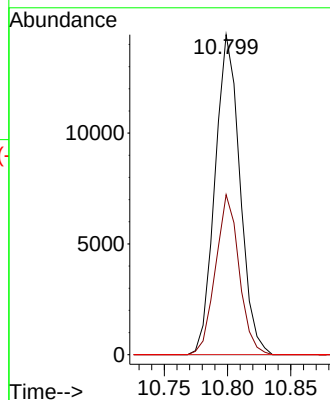
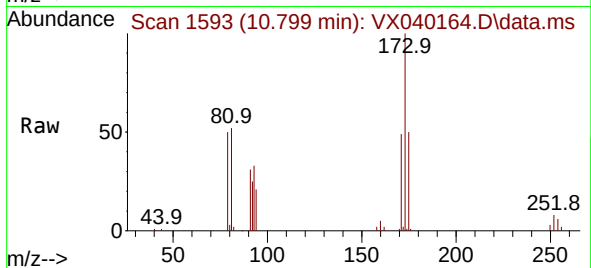
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

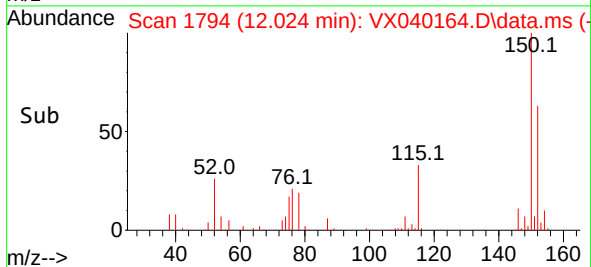
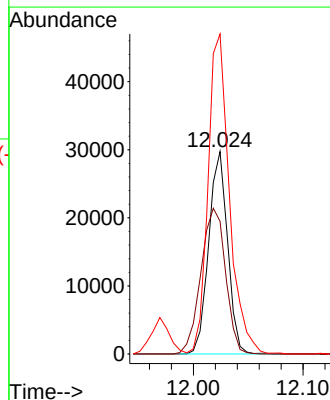
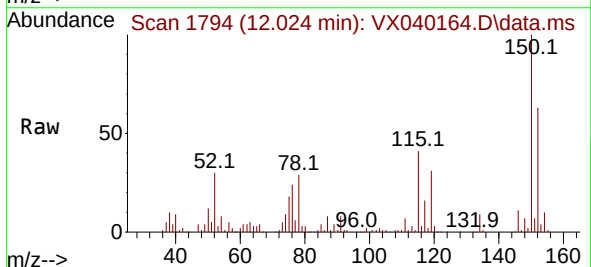
Tgt Ion:152 Resp: 35522

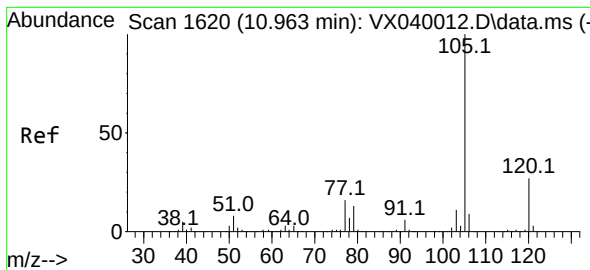
Ion Ratio Lower Upper

152 100

115 94.1 43.3 129.9

150 178.9 0.0 345.0





#73
Isopropylbenzene
Concen: 79.053 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

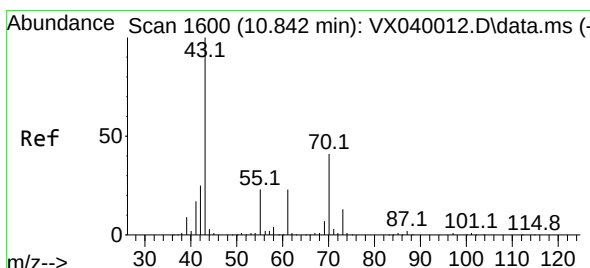
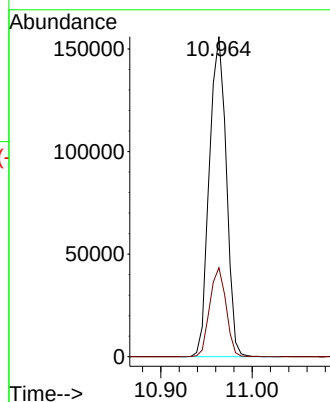
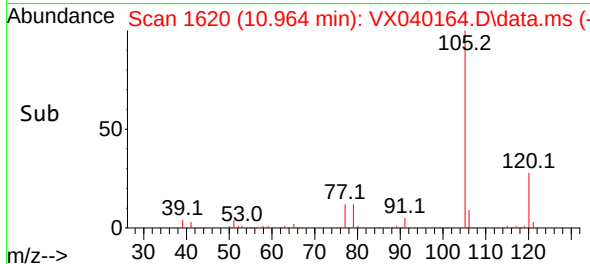
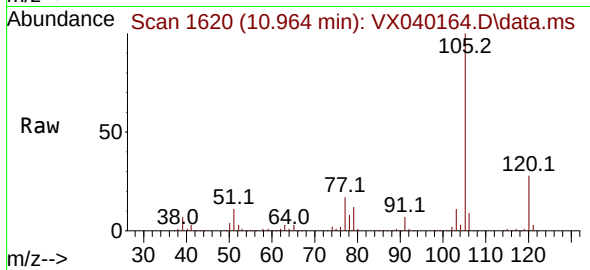
Tgt Ion:105 Resp: 201640
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations

APPROVED

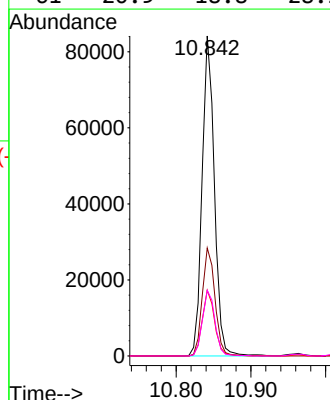
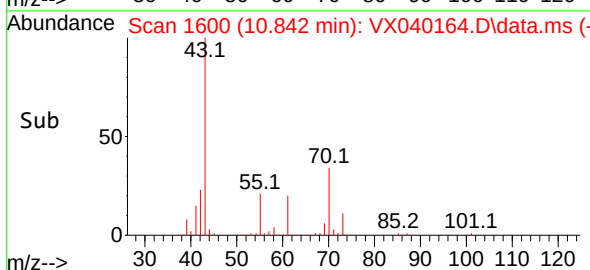
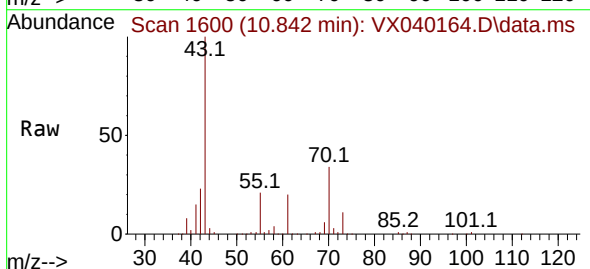
Reviewed By :John Carlone 02/08/2024

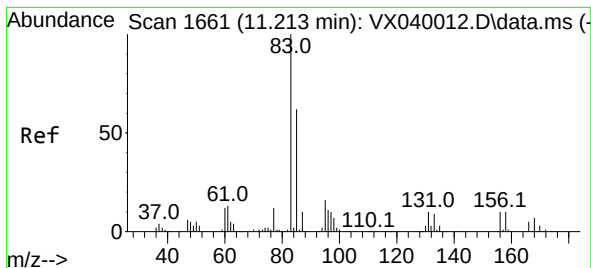
Supervised By :Semsettin Yesilyurt 02/08/2024



#74
N-ethyl acetate
Concen: 76.876 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 43 Resp: 96195
Ion Ratio Lower Upper
43 100
70 34.9 32.9 49.3
55 20.7 19.3 28.9
61 20.9 18.8 28.2





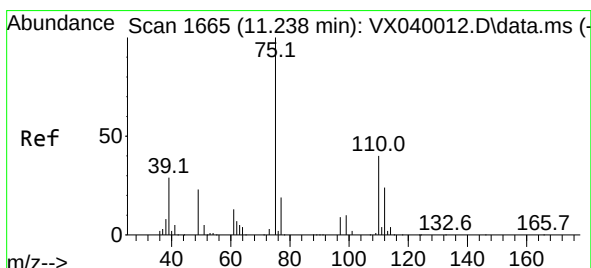
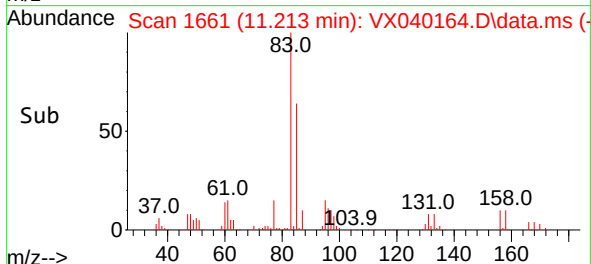
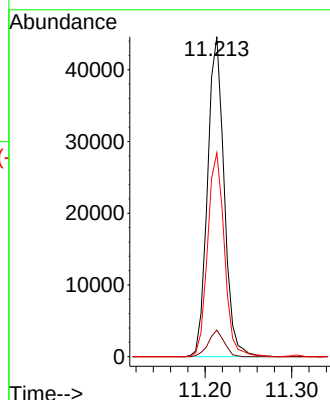
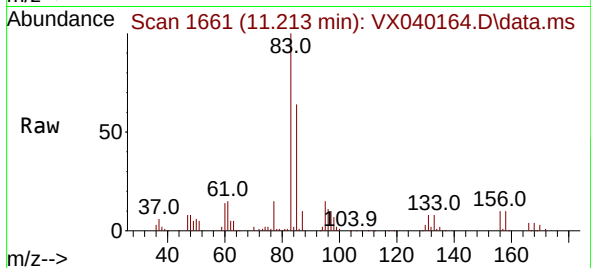
#75
1,1,2,2-Tetrachloroethane
Concen: 62.022 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 59479
Ion Ratio Lower Upper
83 100
131 7.9 5.3 15.8
85 64.2 32.0 96.2

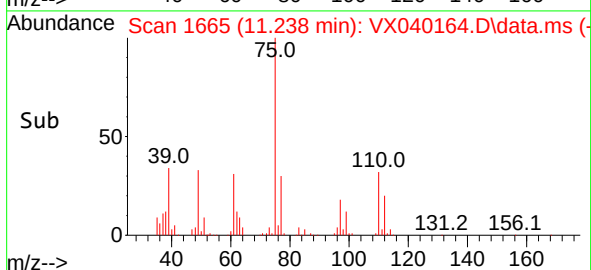
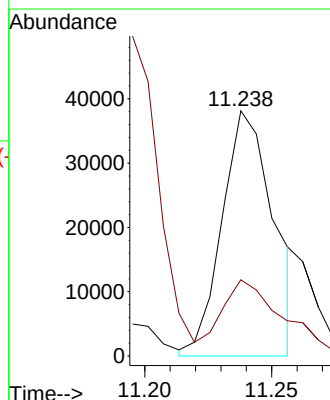
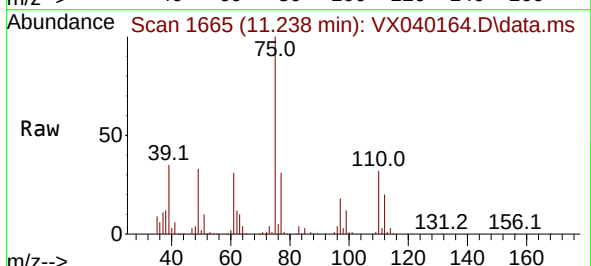
Manual Integrations
APPROVED

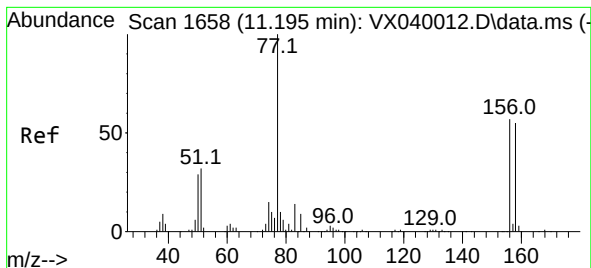
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#76
1,2,3-Trichloropropane
Concen: 71.121 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 75 Resp: 53799
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5





#77

Bromobenzene

Concen: 52.336 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

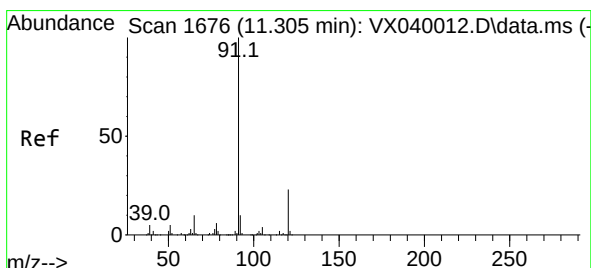
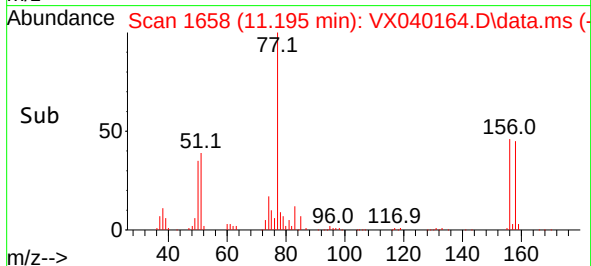
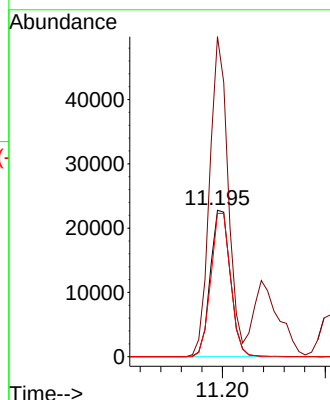
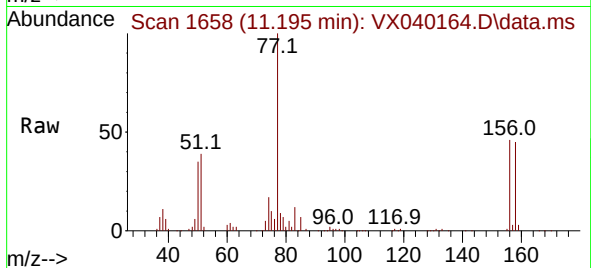
Tgt Ion:	156	Resp:	30794
Ion Ratio	Lower	Upper	
156	100		
77	201.8	88.4	265.3
158	96.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#78

n-propylbenzene

Concen: 60.419 ug/l

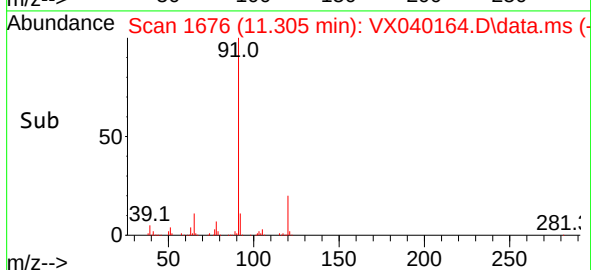
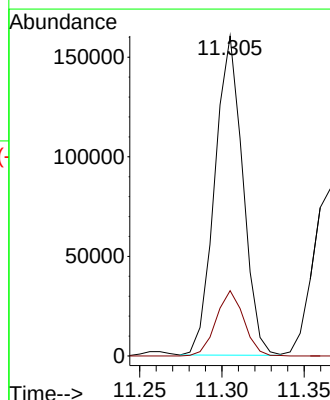
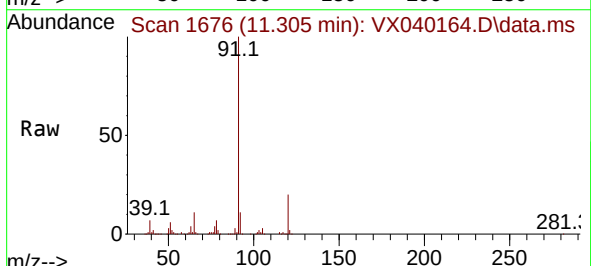
RT: 11.305 min Scan# 1676

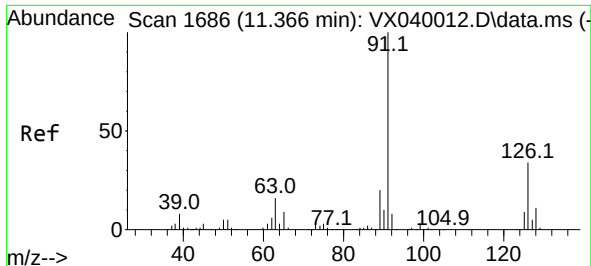
Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Tgt Ion:	91	Resp:	189648
Ion Ratio	Lower	Upper	
91	100		
120	20.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 56.672 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 107092

Ion Ratio Lower Upper

91 100

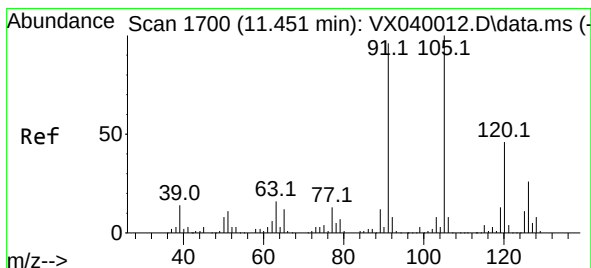
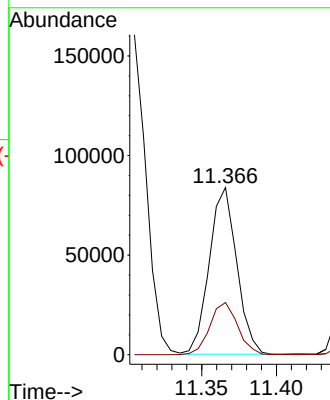
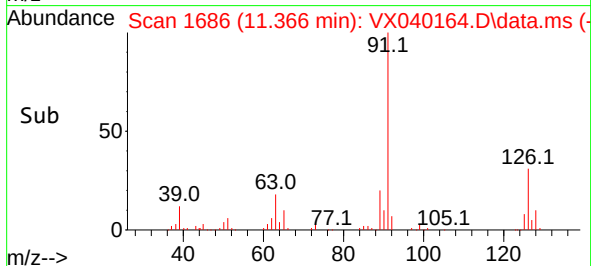
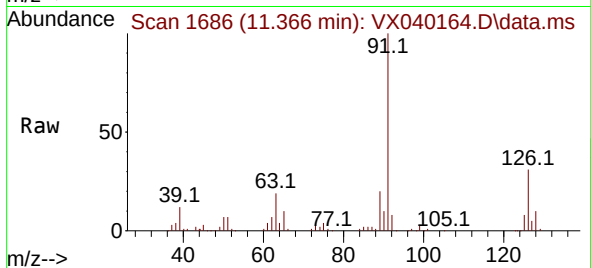
126 31.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#80

1,3,5-Trimethylbenzene

Concen: 71.791 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040164.D

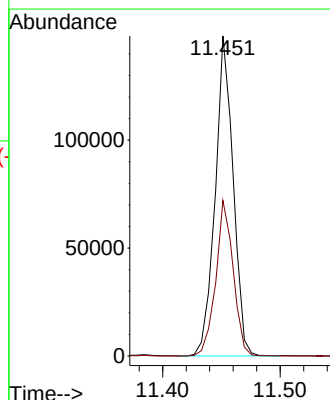
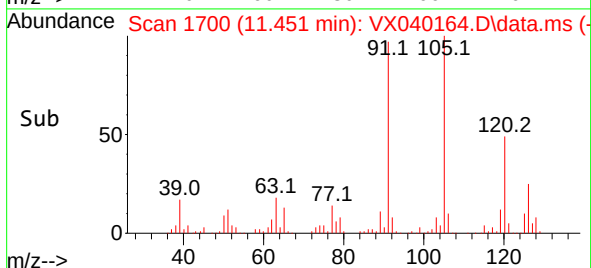
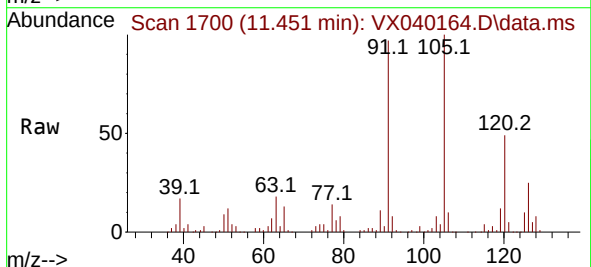
Acq: 07 Feb 2024 19:56

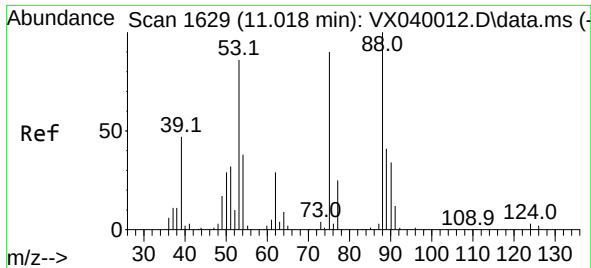
Tgt Ion:105 Resp: 157414

Ion Ratio Lower Upper

105 100

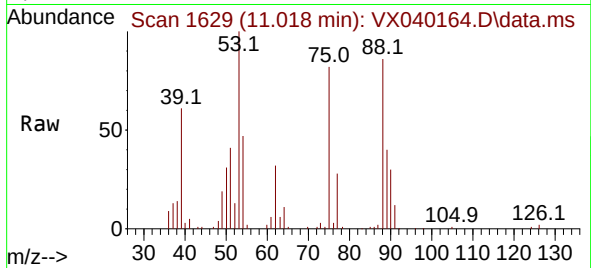
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 60.775 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

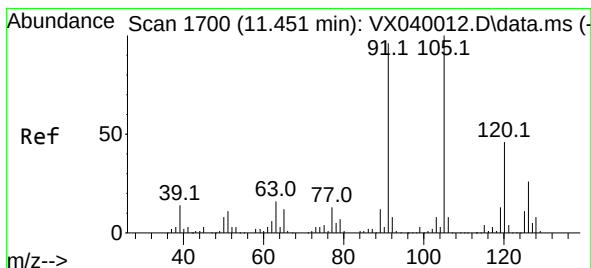
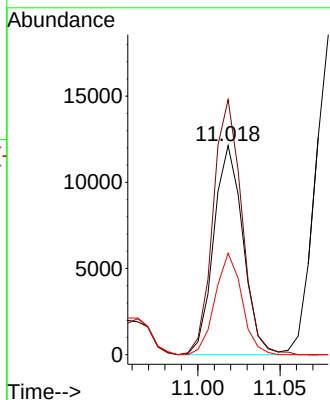
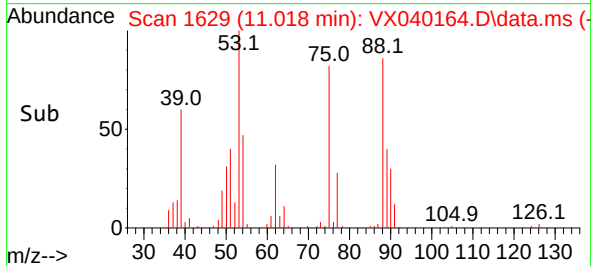
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 1501
Ion Ratio Lower Upper
75 100
53 119.9 90.5 135.7
89 44.4 36.9 55.3

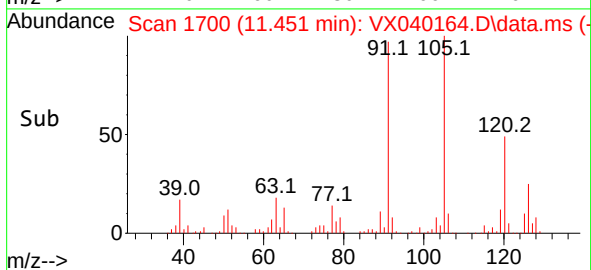
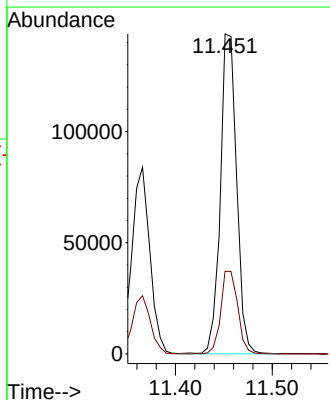
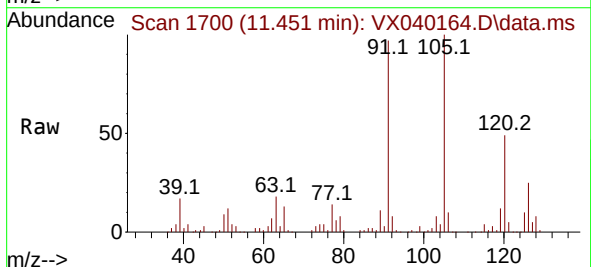
Manual Integrations
APPROVED

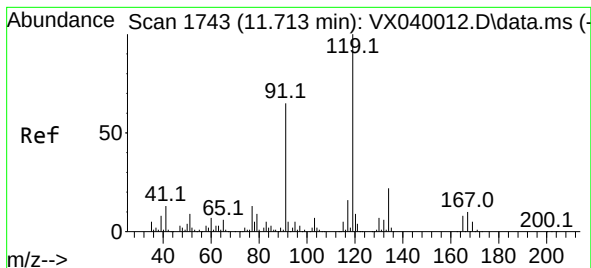
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#82
4-Chlorotoluene
Concen: 77.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion: 91 Resp: 168172
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.666 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 116798

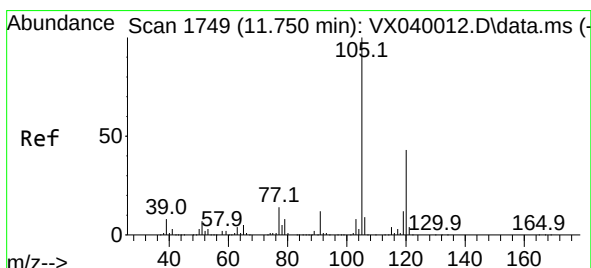
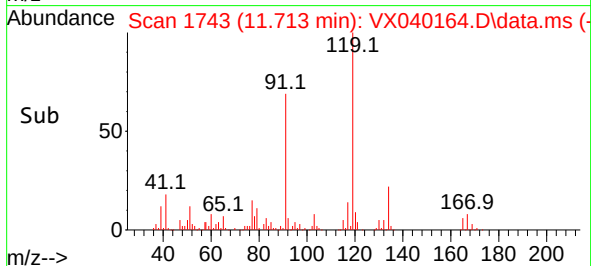
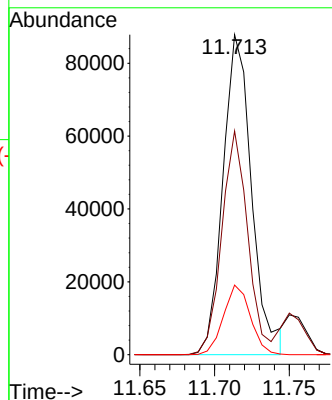
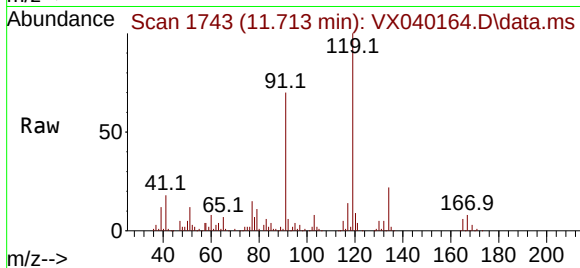
Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.2	93.6
134	20.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#84

1,2,4-Trimethylbenzene

Concen: 56.934 ug/l

RT: 11.750 min Scan# 1749

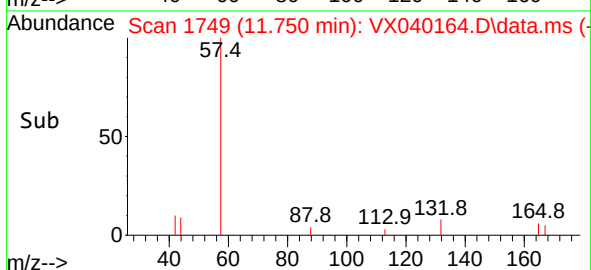
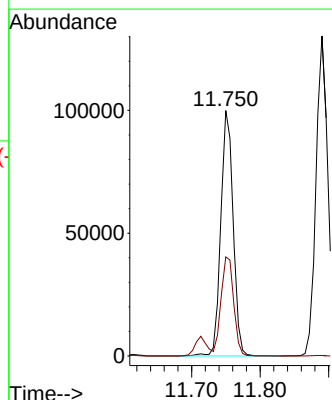
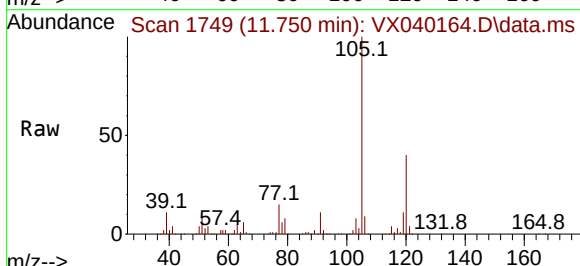
Delta R.T. 0.000 min

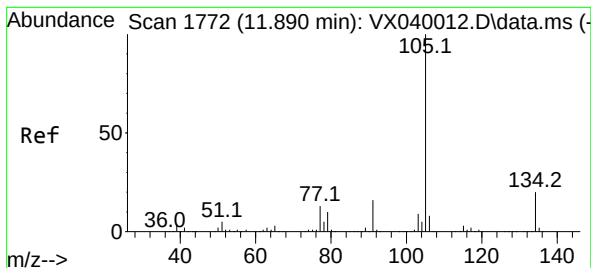
Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Tgt Ion:105 Resp: 124570

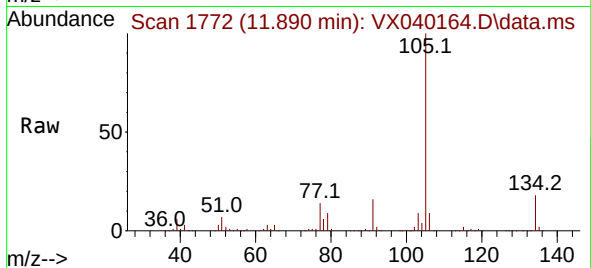
Ion	Ratio	Lower	Upper
105	100		
120	41.1	21.2	63.6





#85
sec-Butylbenzene
Concen: 56.436 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

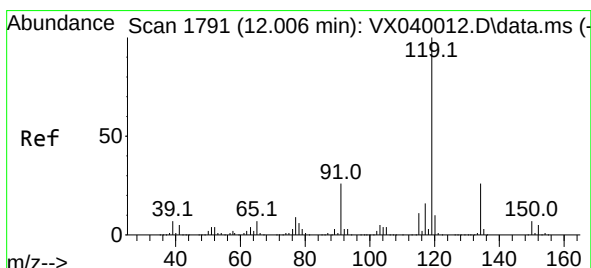
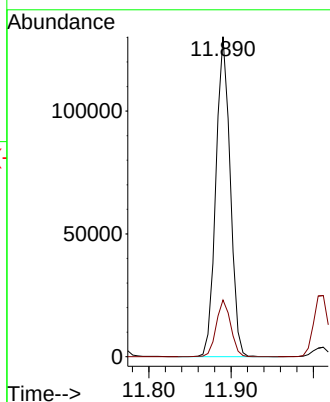
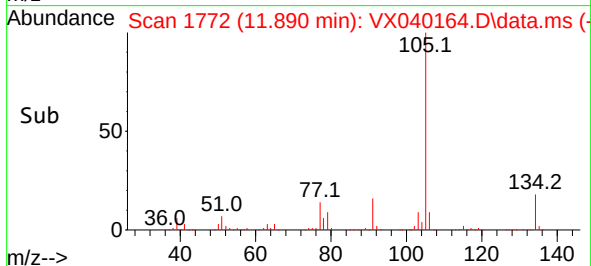
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 15688
Ion Ratio Lower Upper
105 100
134 17.9 9.8 29.4

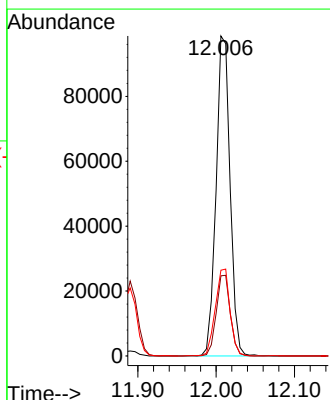
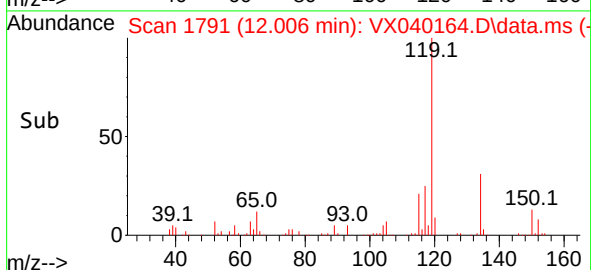
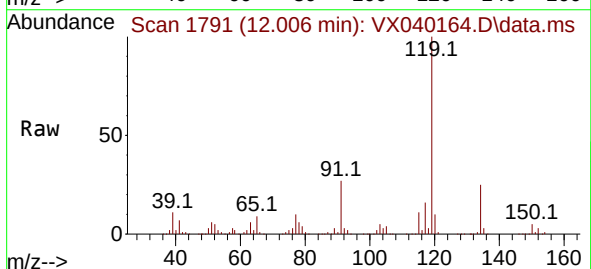
Manual Integrations
APPROVED

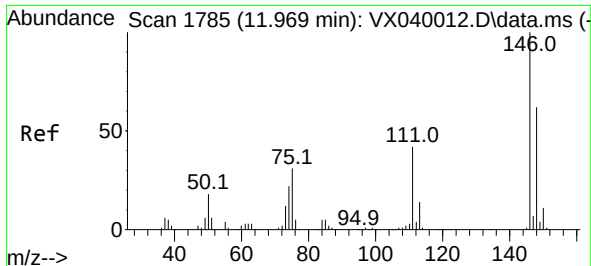
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#86
p-Isopropyltoluene
Concen: 54.018 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Tgt Ion:119 Resp: 122618
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.3
91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.925 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 60448

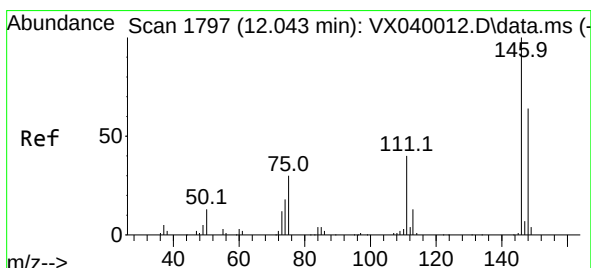
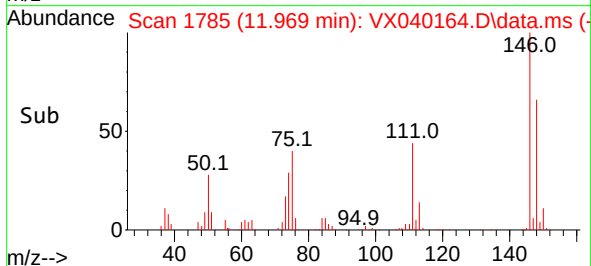
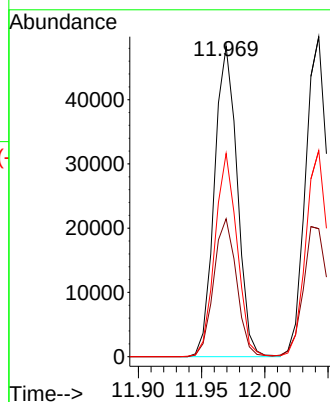
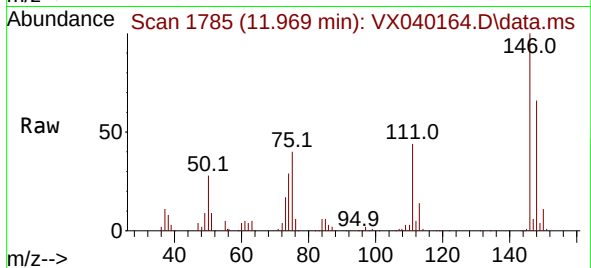
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.1	66.1
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#88

1,4-Dichlorobenzene

Concen: 50.801 ug/l

RT: 12.043 min Scan# 1797

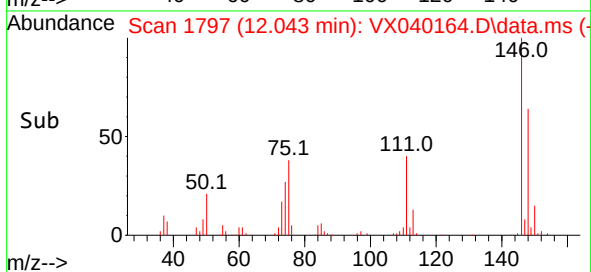
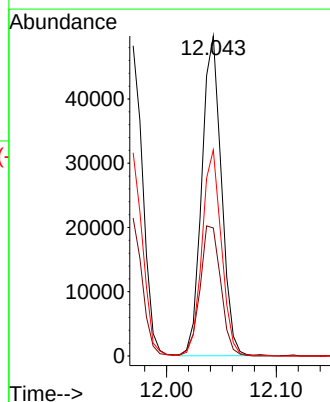
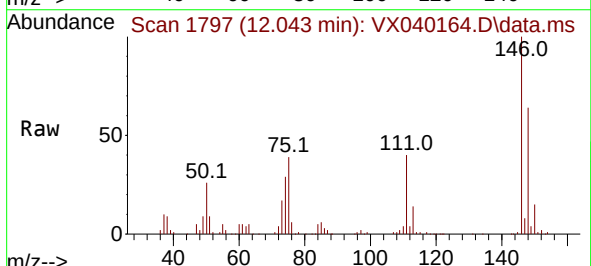
Delta R.T. 0.000 min

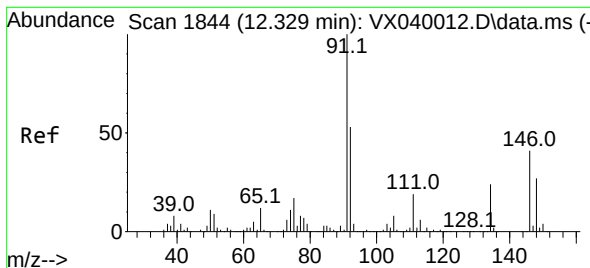
Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Tgt Ion:146 Resp: 61727

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.7
148	63.7	31.8	95.4





#89

n-Butylbenzene

Concen: 75.463 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 16626

Ion Ratio Lower Upper

91 100

92 48.9 27.4 82.0

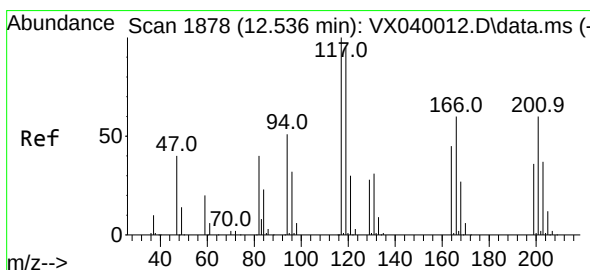
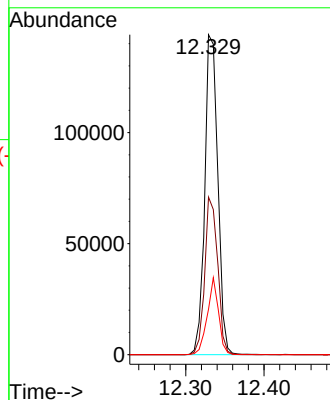
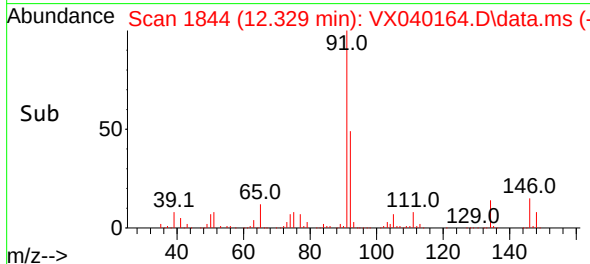
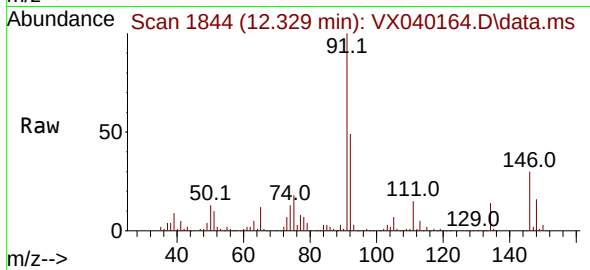
134 20.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#90

Hexachloroethane

Concen: 54.638 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040164.D

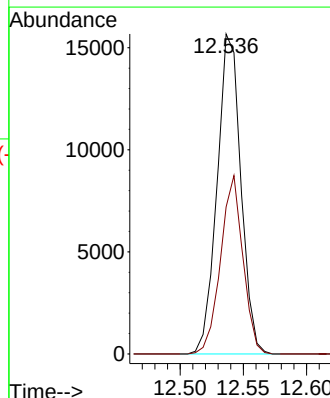
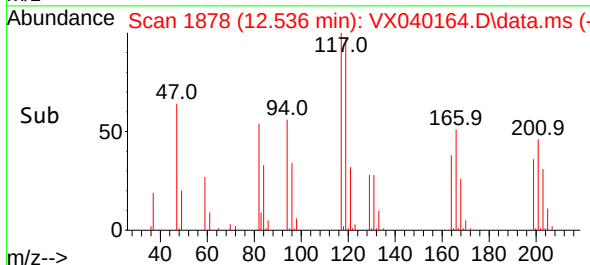
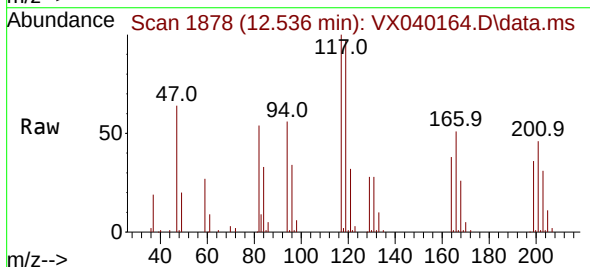
Acq: 07 Feb 2024 19:56

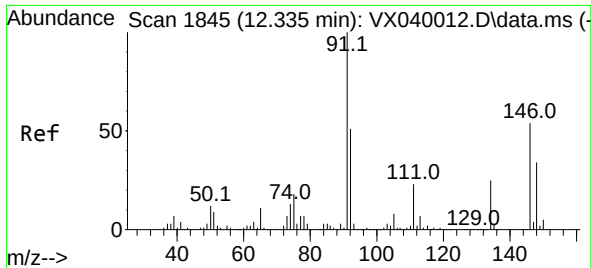
Tgt Ion:117 Resp: 20431

Ion Ratio Lower Upper

117 100

201 52.4 32.9 98.6





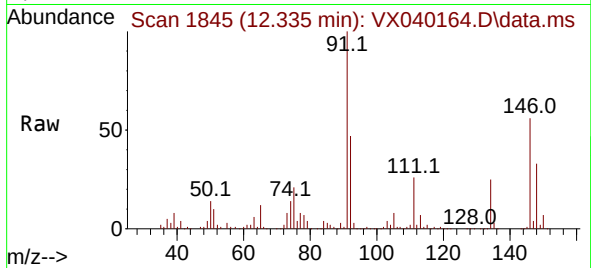
#91
1,2-Dichlorobenzene
Concen: 69.807 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



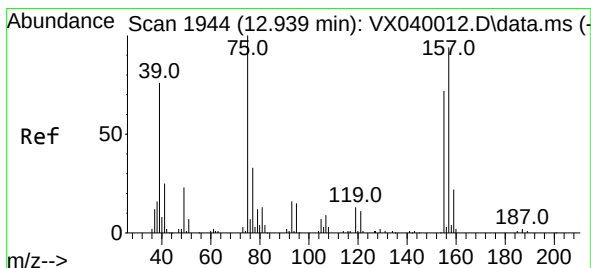
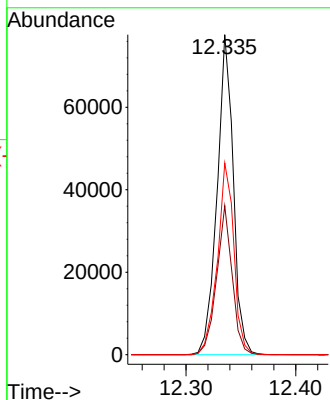
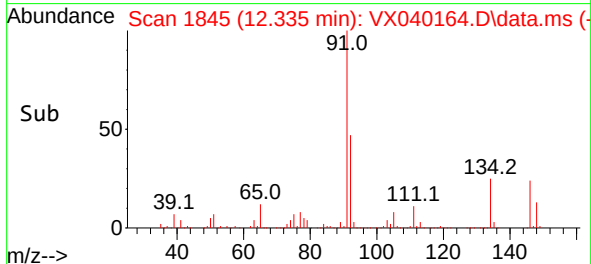
Tgt Ion:146 Resp: 7989
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 60.8 31.6 95.0

Manual Integrations

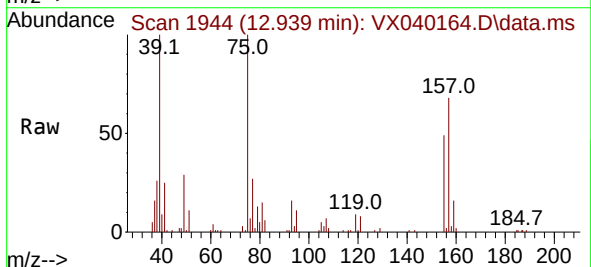
APPROVED

Reviewed By :John Carlone 02/08/2024

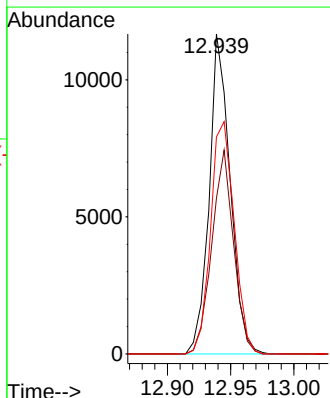
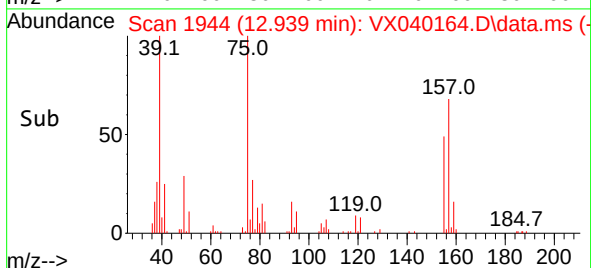
Supervised By :Semsettin Yesilyurt 02/08/2024

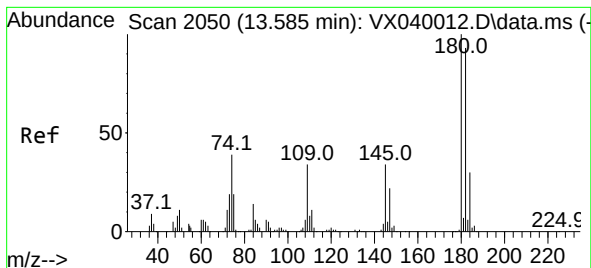


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.881 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



Tgt Ion: 75 Resp: 13452
Ion Ratio Lower Upper
75 100
155 66.0 36.1 108.5
157 81.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.328 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 3457

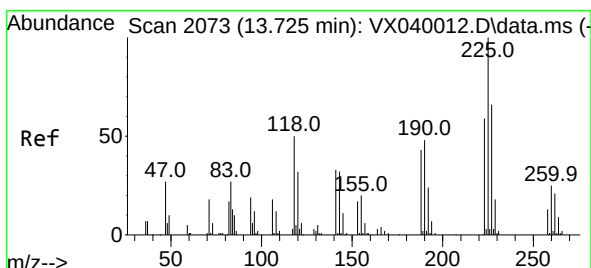
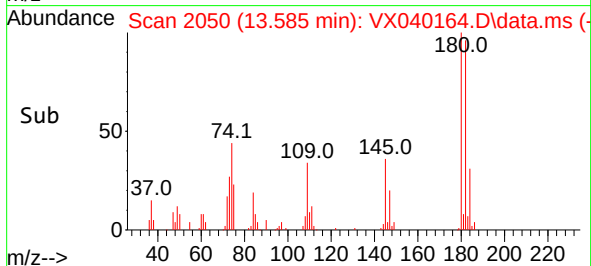
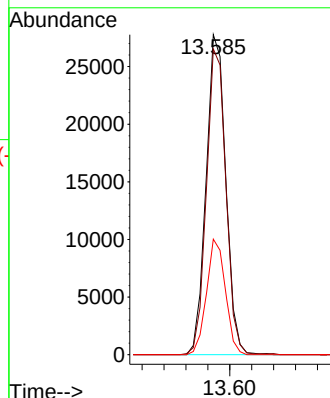
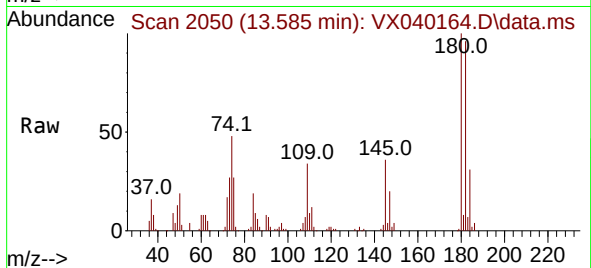
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.3	144.8
145	34.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#94

Hexachlorobutadiene

Concen: 35.580 ug/l

RT: 13.725 min Scan# 2073

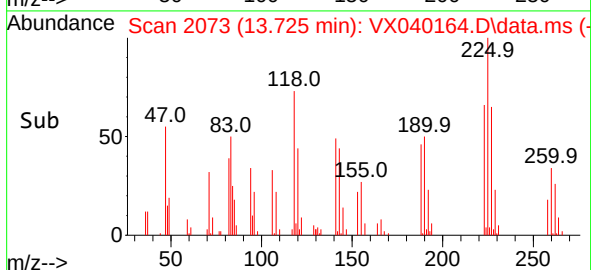
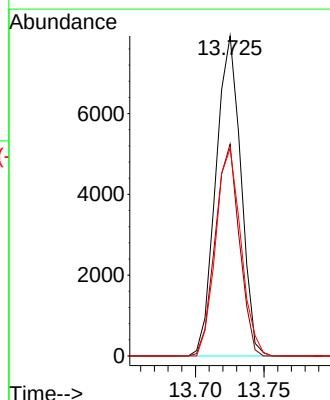
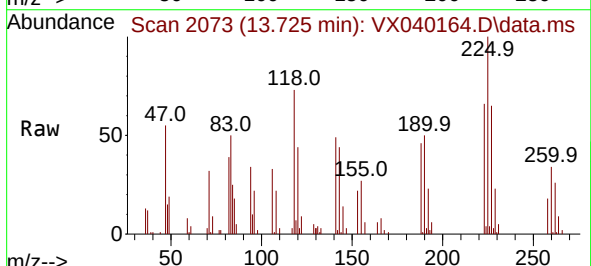
Delta R.T. 0.000 min

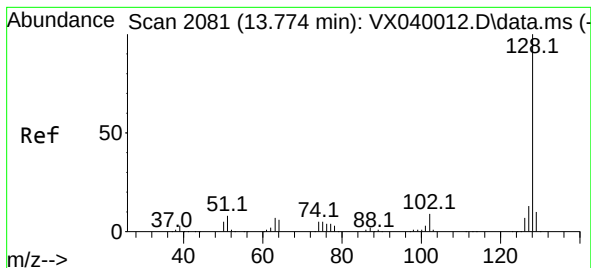
Lab File: VX040164.D

Acq: 07 Feb 2024 19:56

Tgt Ion:225 Resp: 10027

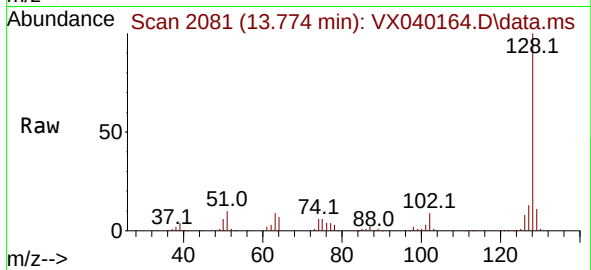
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.2
227	65.4	32.5	97.5





#95
Naphthalene
Concen: 58.712 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56

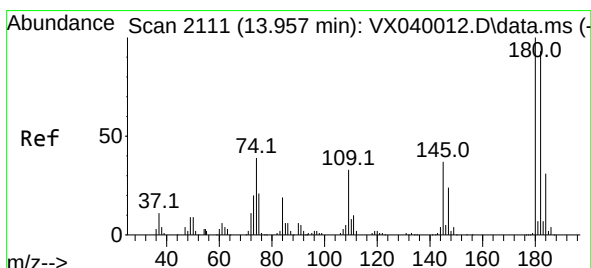
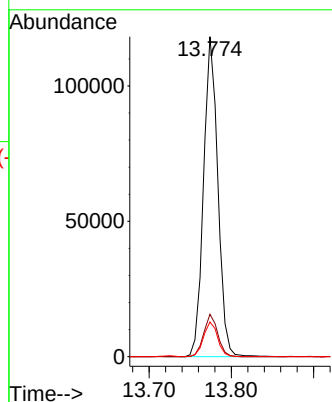
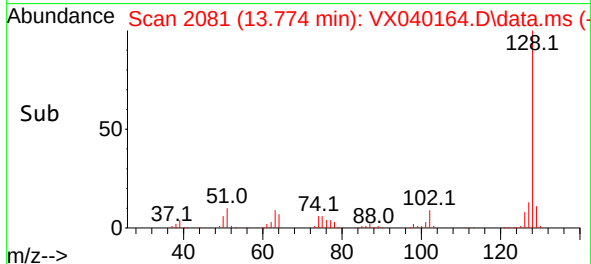
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



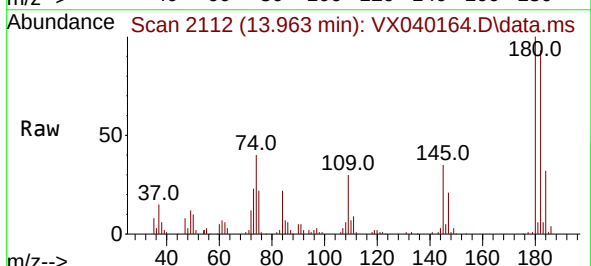
Tgt Ion:128 Resp: 14266
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.407 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040164.D
Acq: 07 Feb 2024 19:56



Tgt Ion:180 Resp: 34949
Ion Ratio Lower Upper
180 100
182 91.7 46.9 140.6
145 34.5 17.8 53.5

