

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041577.D
 Acq On : 21 May 2024 09:43
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 02:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	29393	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	163051	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	153329	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	70976	30.663	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.200%			
60) 4-Bromofluorobenzene	11.079	95	73660	30.774	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.567%			
63) Toluene-d8	8.647	98	194646	29.615	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	31335	20.382	ug/l	98
3) Chloromethane	1.295	50	31986	19.000	ug/l	99
4) Vinyl Chloride	1.374	62	33905	19.129	ug/l	99
5) Bromomethane	1.599	94	19676	17.453	ug/l	96
6) Chloroethane	1.666	64	20304	22.657	ug/l	95
7) Trichlorofluoromethane	1.868	101	54696	20.330	ug/l	98
8) Diethyl Ether	2.136	74	19874	19.781	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	33952	21.762	ug/l	99
10) 1,1-Dichloroethene	2.307	96	31546	20.977	ug/l	98
11) Methyl Iodide	2.447	142	30328	16.932	ug/l	99
12) Methyl Acetate	2.703	43	47187	20.834	ug/l	92
13) Acrolein	2.240	56	32383	117.448	ug/l	98
14) Acrylonitrile	3.063	53	98006	98.422	ug/l	100
15) Acetone	2.386	58	35182	131.867	ug/l	100
16) Carbon Disulfide	2.502	76	68316	20.120	ug/l	99
17) Allyl chloride	2.654	41	55420	20.766	ug/l	99
18) Methylene Chloride	2.782	84	36229	20.256	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	32406	18.792	ug/l	97
20) Diisopropyl ether	3.758	45	109874	19.595	ug/l	99
21) 1,1-Dichloroethane	3.605	63	61136	19.427	ug/l	100
22) cis-1,2-Dichloroethene	4.477	96	39060	18.640	ug/l	99
23) tert-Butyl Alcohol	2.989	59	40262m	95.278	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	106463	18.962	ug/l	99
25) Chloroform	5.087	83	65122	19.425	ug/l	98
26) Cyclohexane	5.458	56	51183	19.504	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	42693	19.794	ug/l	100
30) 2-Butanone	4.556	43	151817	106.045	ug/l	99
31) 2,2-Dichloropropane	4.465	77	50740	20.045	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	57532	19.879	ug/l	100
33) Carbon Tetrachloride	5.666	117	50345	20.331	ug/l	98
34) Benzene	6.025	78	133348	19.576	ug/l	99
35) Methacrylonitrile	4.916	41	28759	19.914	ug/l	96
36) 1,2-Dichloroethane	6.086	62	50710	19.949	ug/l	100
37) Trichloroethene	7.117	130	36306	19.130	ug/l	98
38) Methylcyclohexane	7.373	83	53481	19.528	ug/l	99
39) 1,2-Dichloropropane	7.422	63	32424	20.137	ug/l	99
40) Dibromomethane	7.580	93	25020	19.743	ug/l	98
41) Bromodichloromethane	7.818	83	48192	20.256	ug/l	98
42) Vinyl Acetate	3.715	43	488108	98.268	ug/l	99

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 Sample : VSTDCCC020
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 02:50:30 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
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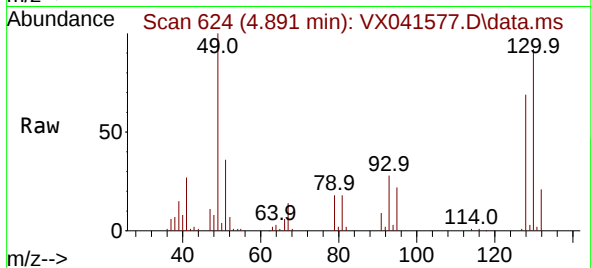
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	52888	19.146	ug/l	99
44) Isopropyl Acetate	6.336	43	81928	19.621	ug/l	99
45) 1,4-Dioxane	7.665	88	17139	363.955	ug/l	89
46) Methyl methacrylate	7.690	41	40511	19.499	ug/l	99
47) n-amyl Acetate	10.842	43	72888	19.249	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	46304	19.380	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	51574	19.929	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	34777	19.727	ug/l	93
51) Ethyl methacrylate	9.116	69	53276	18.775	ug/l	97
52) 1,3-Dichloropropane	9.305	76	57650	19.790	ug/l	98
53) Dibromochloromethane	9.519	129	40464	20.173	ug/l	98
54) 1,2-Dibromoethane	9.610	107	37233	19.916	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	137824	99.508	ug/l	99
56) Bromoform	10.799	173	32357	20.134	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	280116	99.986	ug/l	99
59) 2-Hexanone	9.427	43	228871	102.548	ug/l	100
61) Tetrachloroethene	9.269	164	36359	19.382	ug/l	95
62) Toluene	8.714	91	148951	19.523	ug/l	99
64) Chlorobenzene	10.080	112	100774	19.446	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	36582	19.944	ug/l	99
66) Ethyl Benzene	10.189	91	166770	19.685	ug/l	97
67) m/p-Xylenes	10.299	106	132126	39.883	ug/l	97
68) o-Xylene	10.640	106	65379	19.606	ug/l	98
69) Styrene	10.653	104	109890	19.654	ug/l	100
70) Isopropylbenzene	10.957	105	169114	20.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	58021	20.044	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	47393m	18.154	ug/l	
73) Bromobenzene	11.195	156	46752	18.882	ug/l	96
74) n-propylbenzene	11.305	91	192104	20.218	ug/l	100
75) 2-Chlorotoluene	11.360	91	120499	20.195	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	143375	19.934	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	15473	18.857	ug/l	91
78) 4-Chlorotoluene	11.451	91	134047	19.725	ug/l	97
79) tert-butylbenzene	11.713	119	150226	19.625	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	143670	19.929	ug/l	99
81) sec-Butylbenzene	11.890	105	178610	19.968	ug/l	100
82) p-Isopropyltoluene	12.006	119	156642	20.005	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	87700	19.750	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	88153	19.647	ug/l	99
85) n-Butylbenzene	12.329	91	124852	19.815	ug/l	99
86) Hexachloroethane	12.536	117	25634	19.445	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	89317	19.707	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12621	19.853	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	60239	19.781	ug/l	98
90) Hexachlorobutadiene	13.725	225	30240	20.354	ug/l	100
91) Naphthalene	13.774	128	177633	19.516	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	61530	19.776	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

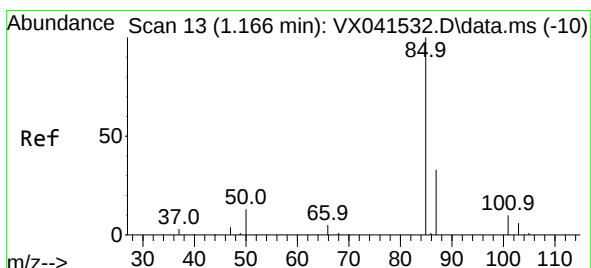
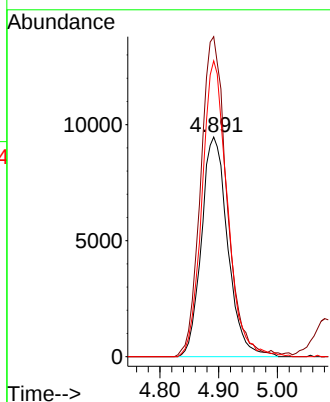
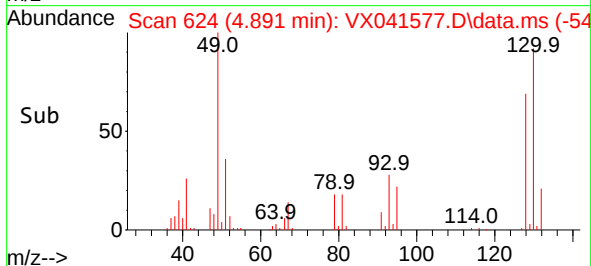
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 2939
Ion Ratio Lower Upper
128 100
49 144.8 0.0 361.5
130 128.6 0.0 324.3

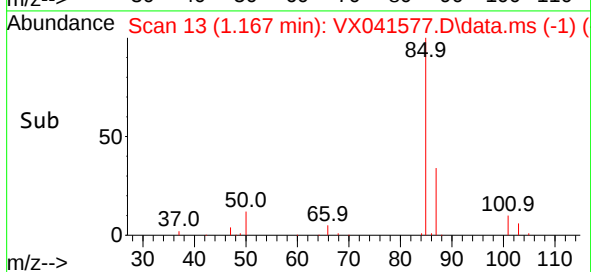
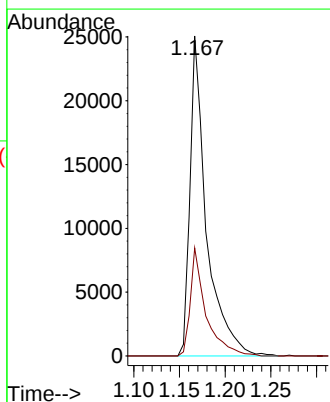
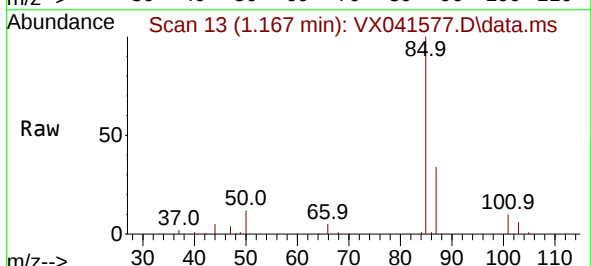
Manual Integrations
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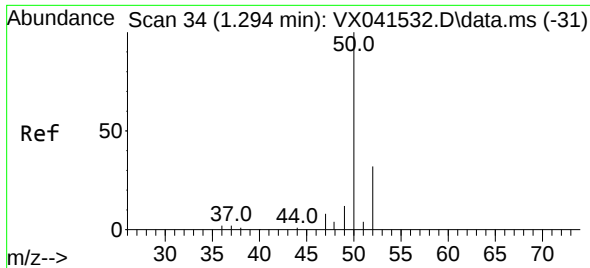
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#2
Dichlorodifluoromethane
Concen: 20.382 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 85 Resp: 31335
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.1





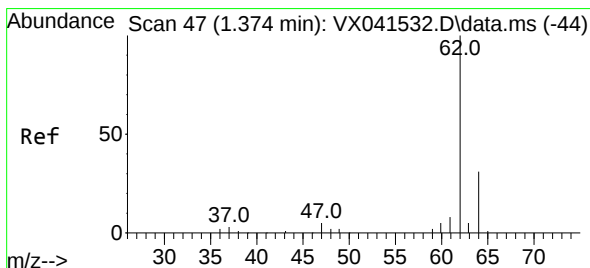
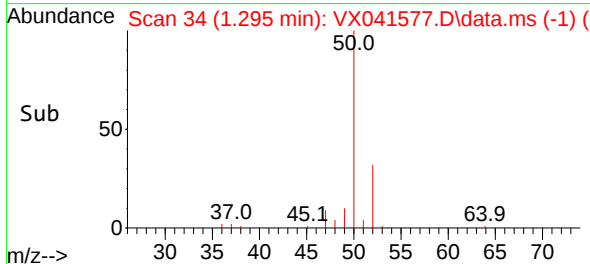
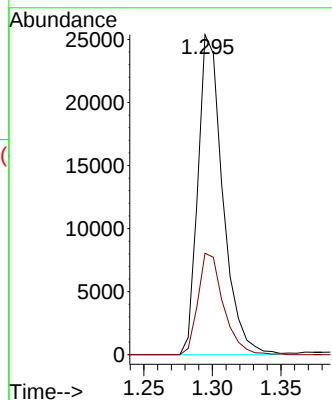
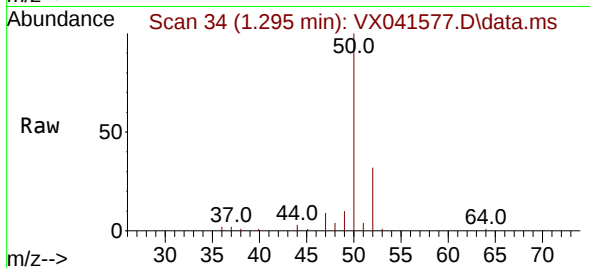
#3
Chloromethane
Concen: 19.000 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 31980
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8

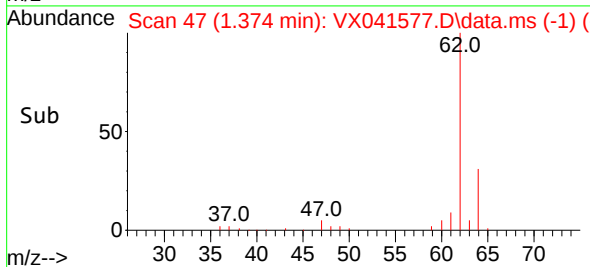
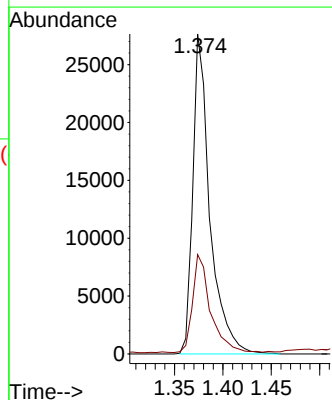
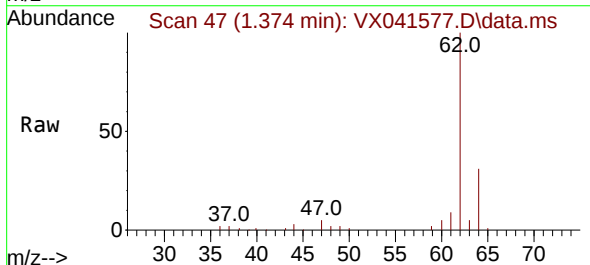
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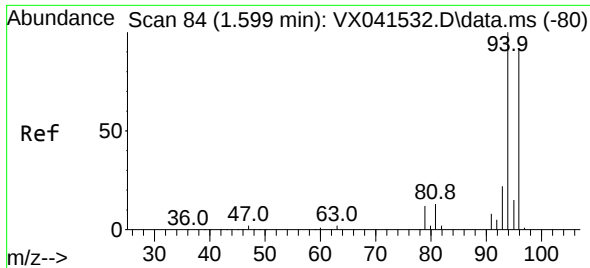
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#4
Vinyl Chloride
Concen: 19.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

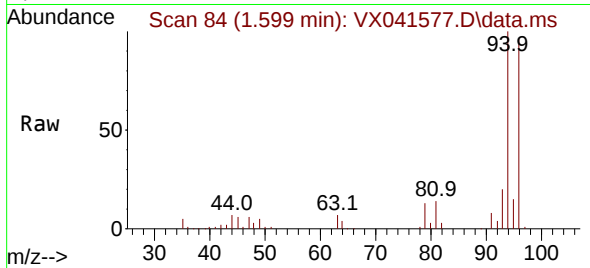
Tgt Ion: 62 Resp: 33905
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0





#5
Bromomethane
Concen: 17.453 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

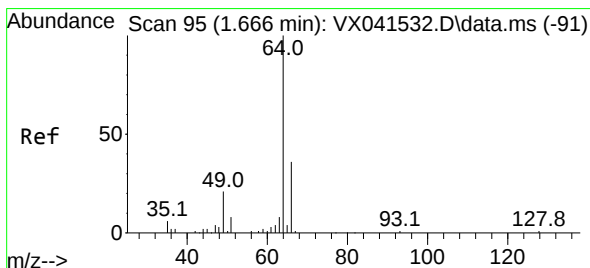
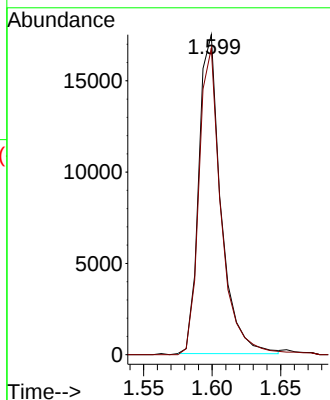
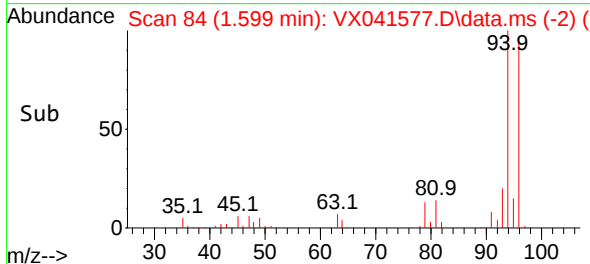
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 19670
Ion Ratio Lower Upper
94 100
96 96.1 73.9 110.9

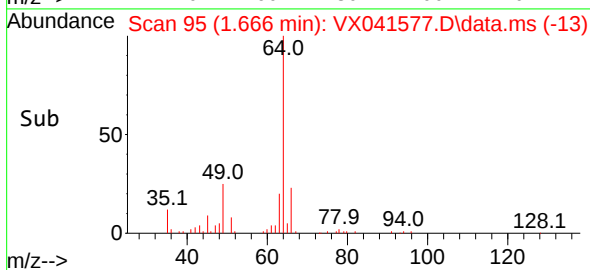
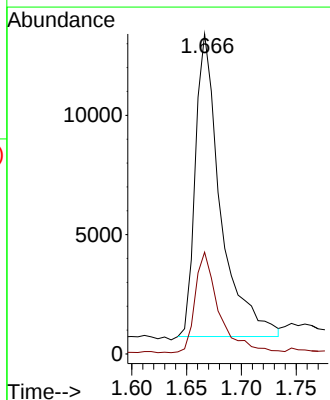
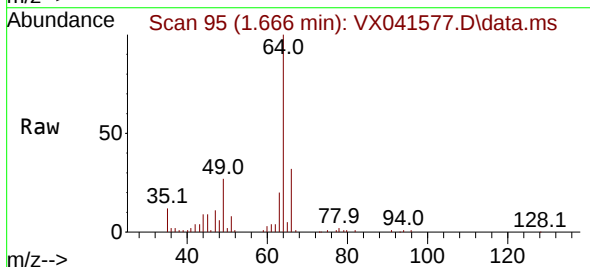
Manual Integrations
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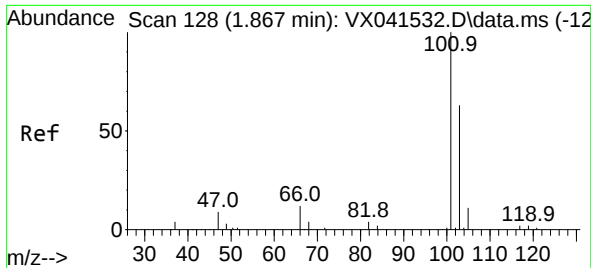
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#6
Chloroethane
Concen: 22.657 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

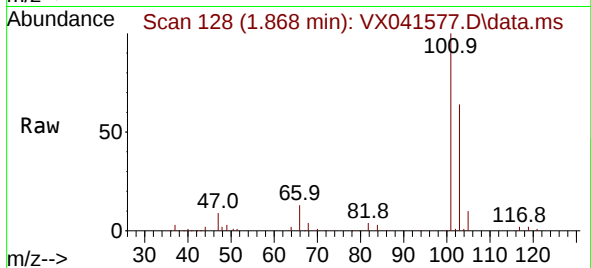
Tgt Ion: 64 Resp: 20304
Ion Ratio Lower Upper
64 100
66 33.0 28.6 42.8





#7
Trichlorofluoromethane
Concen: 20.330 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

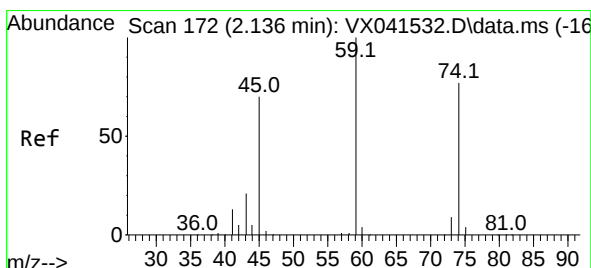
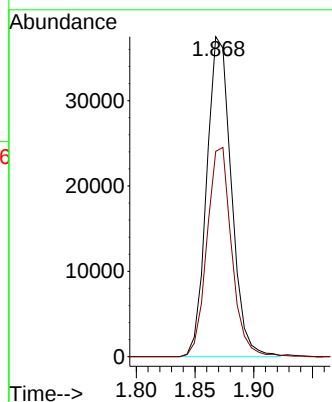
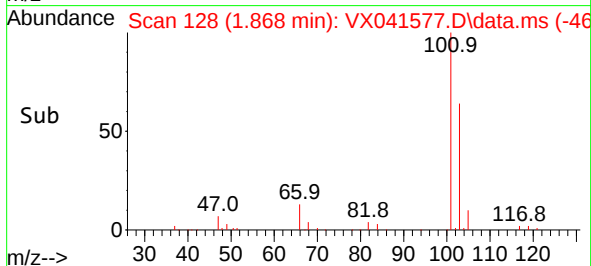
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



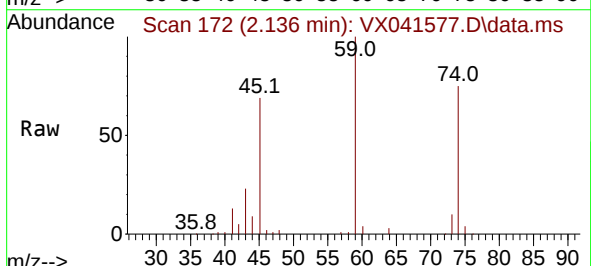
Tgt Ion:101 Resp: 54690
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

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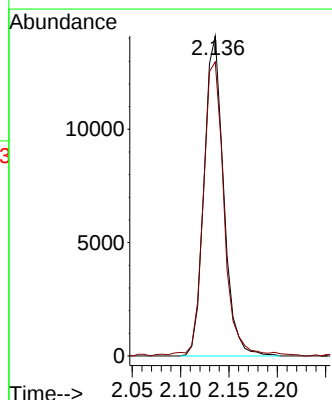
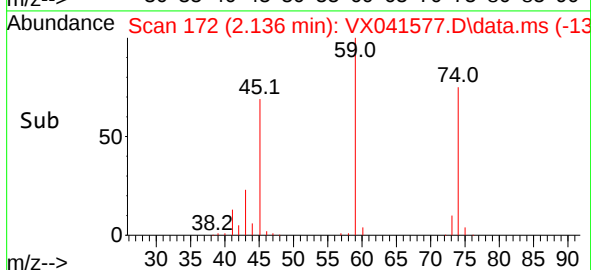
Reviewed By :Mahesh Dadoda 05/22/2024
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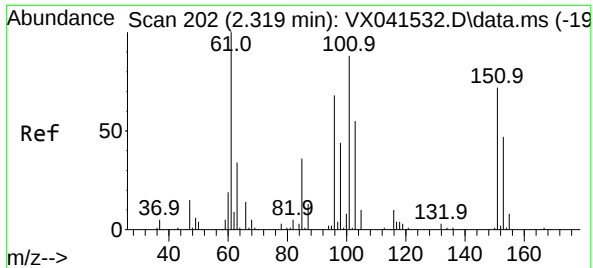


#8
Diethyl Ether
Concen: 19.781 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 74 Resp: 19874
Ion Ratio Lower Upper
74 100
45 96.3 18.6 167.4





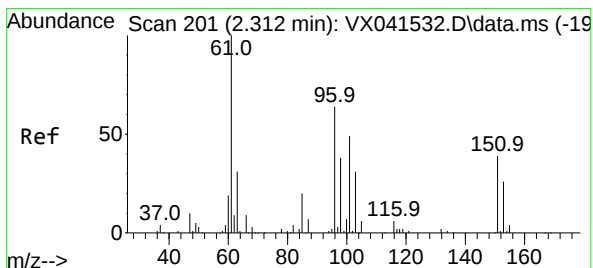
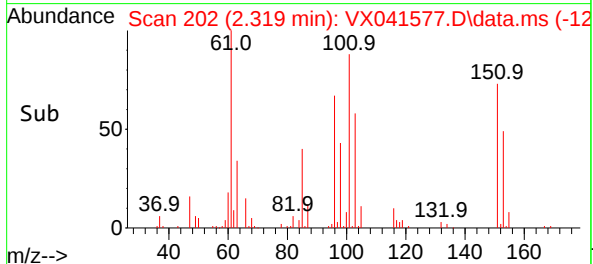
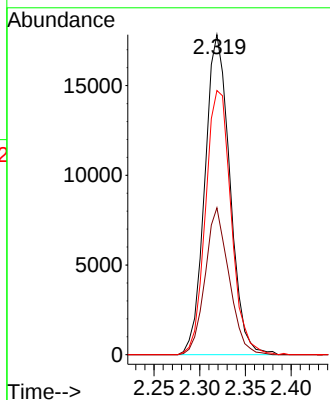
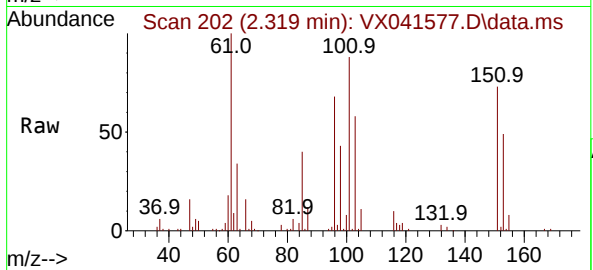
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.762 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 33952
Ion Ratio Lower Upper
101 100
85 43.8 0.0 84.6
151 84.4 0.0 170.2

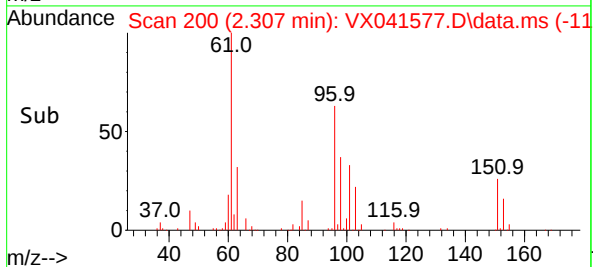
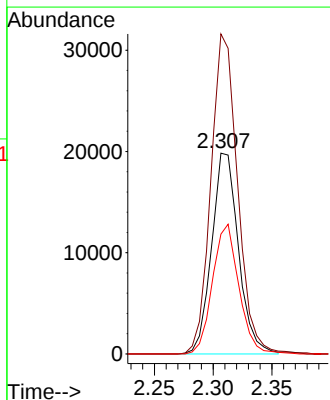
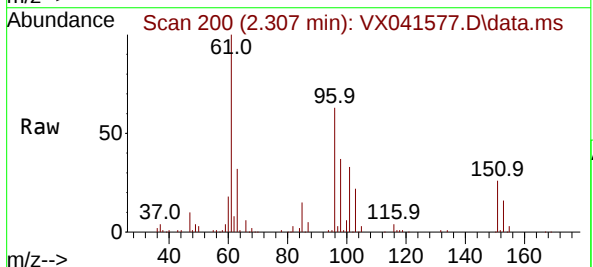
Manual Integrations
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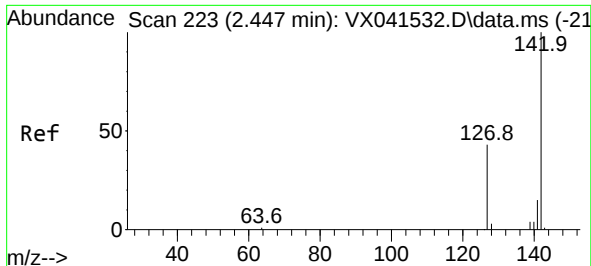
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#10
1,1-Dichloroethene
Concen: 20.977 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

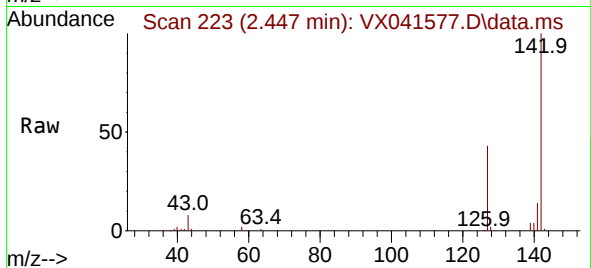
Tgt Ion: 96 Resp: 31546
Ion Ratio Lower Upper
96 100
61 159.4 124.5 186.7
98 59.7 47.9 71.9





#11
Methyl Iodide
Concen: 16.932 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

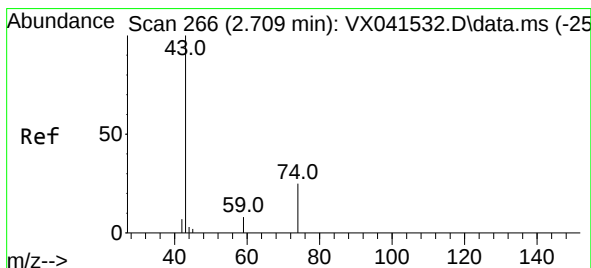
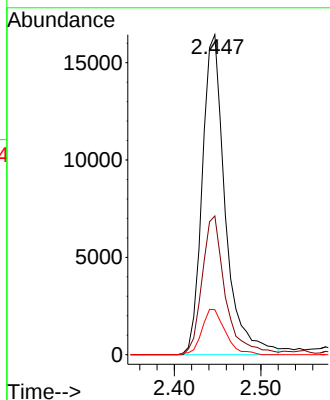
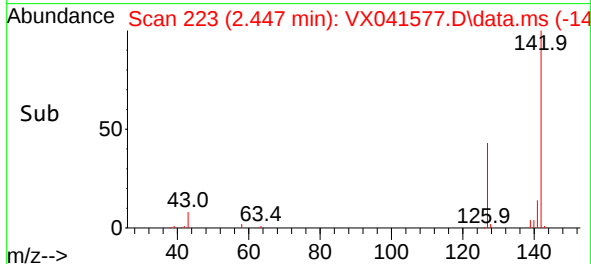
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



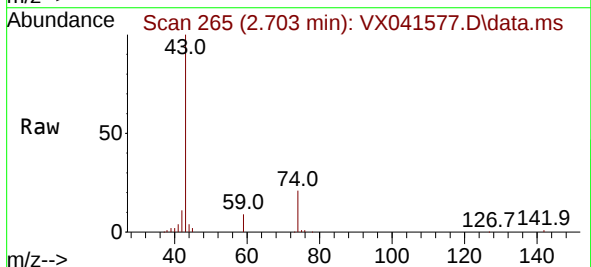
Tgt Ion:142 Resp: 30328
Ion Ratio Lower Upper
142 100
127 43.4 21.4 64.2
141 14.2 7.6 22.8

Manual Integrations
APPROVED

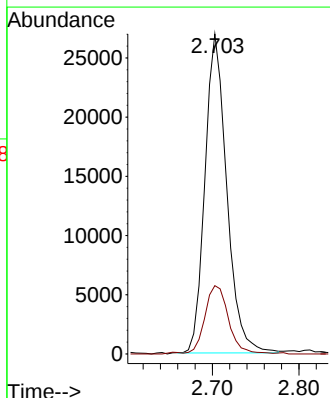
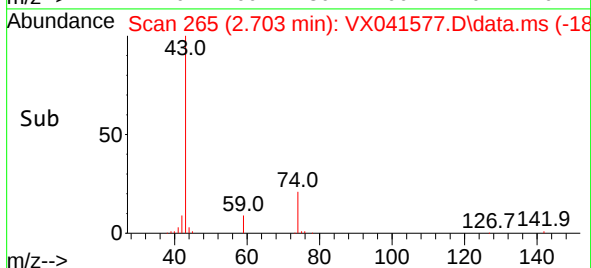
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

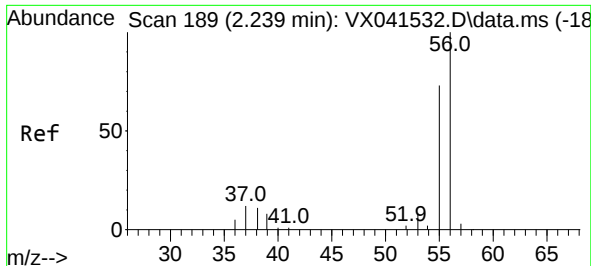


#12
Methyl Acetate
Concen: 20.834 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



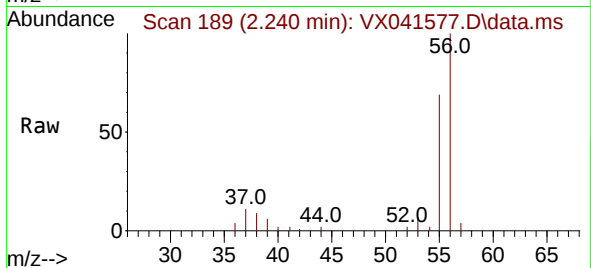
Tgt Ion: 43 Resp: 47187
Ion Ratio Lower Upper
43 100
74 21.1 19.9 29.9





#13
Acrolein
Concen: 117.448 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

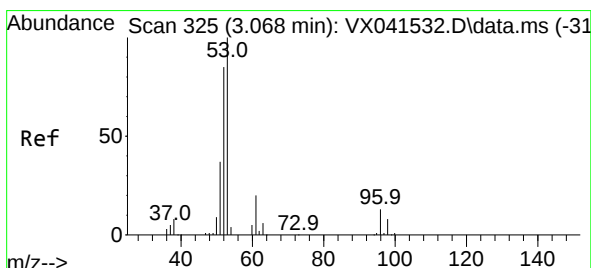
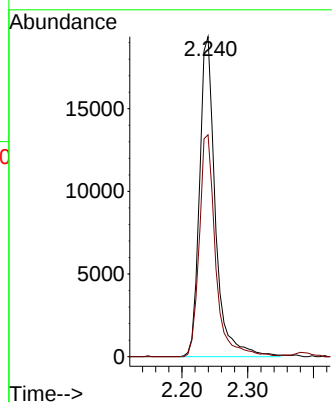
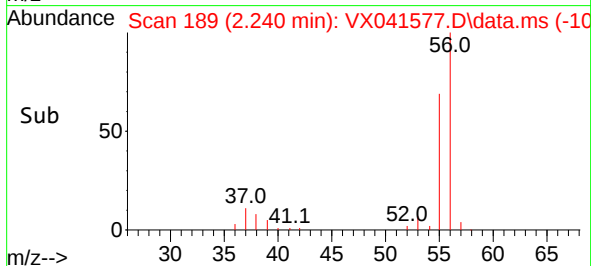
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
55 70.8 55.1 82.7

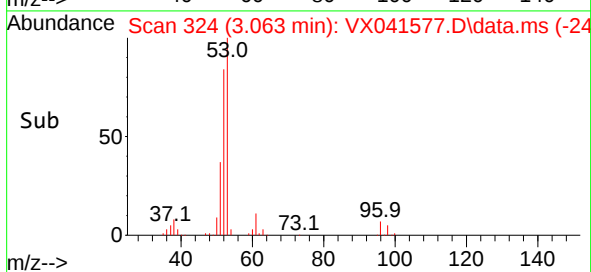
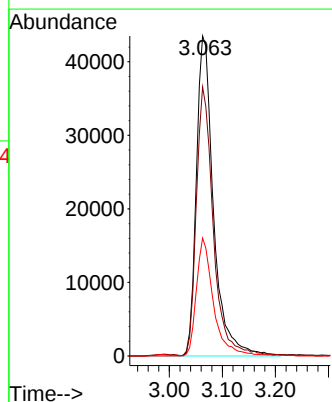
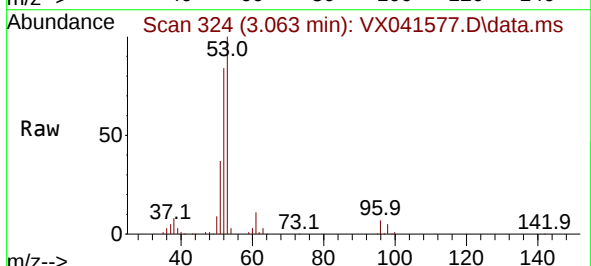
Manual Integrations
APPROVED

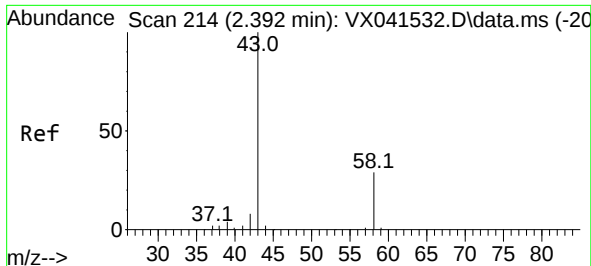
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#14
Acrylonitrile
Concen: 98.422 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

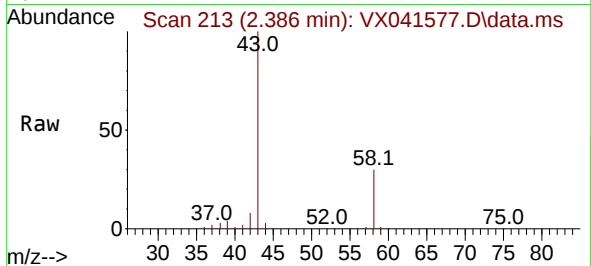
Tgt Ion: 53 Resp: 98006
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 36.6 18.4 55.0





#15
Acetone
Concen: 131.867 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

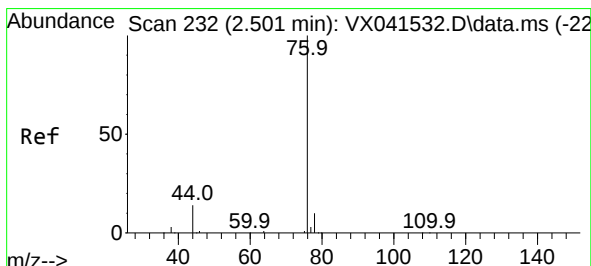
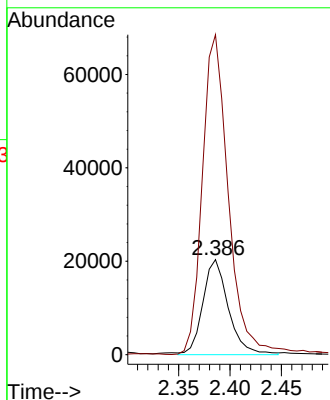
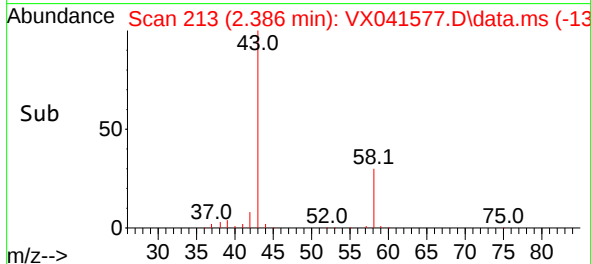
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



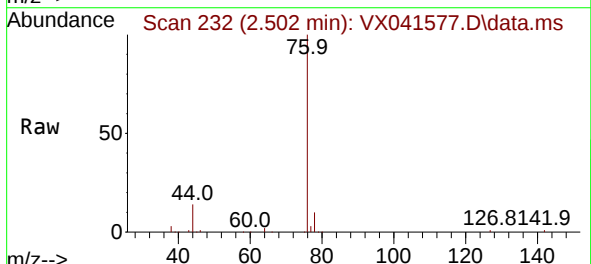
Tgt Ion: 58 Resp: 3518
Ion Ratio Lower Upper
58 100
43 342.4 274.0 411.0

Manual Integrations
APPROVED

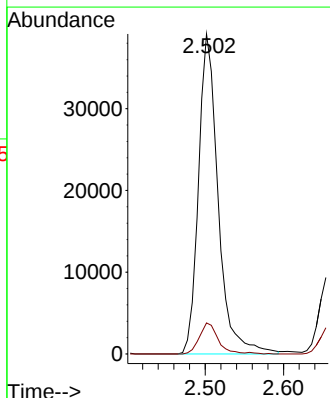
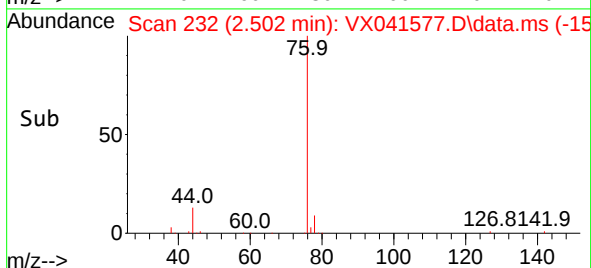
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

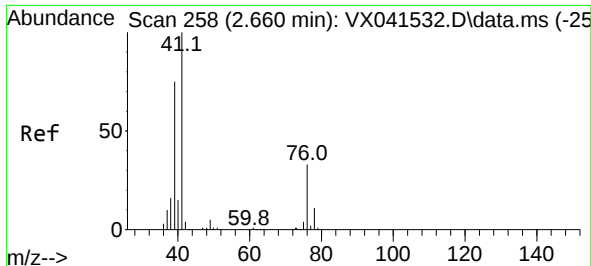


#16
Carbon Disulfide
Concen: 20.120 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 76 Resp: 68316
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4





#17

Allyl chloride

Concen: 20.766 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

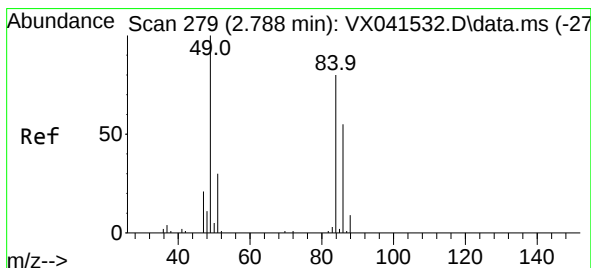
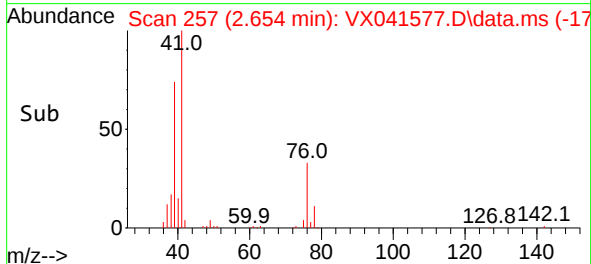
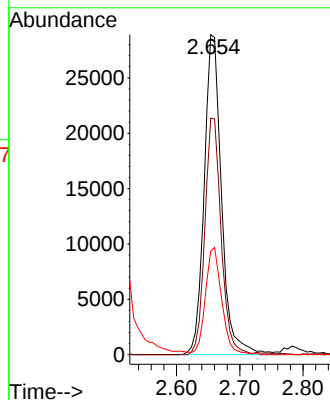
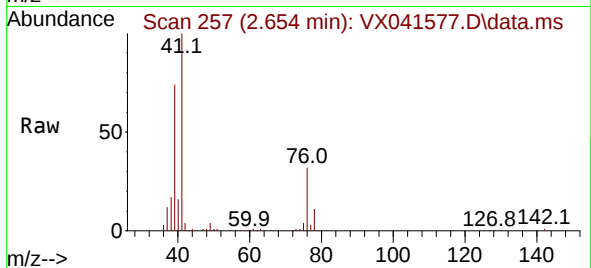
Tgt Ion: 41 Resp: 55420

Ion	Ratio	Lower	Upper
41	100		
39	73.9	37.5	112.7
76	32.4	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#18

Methylene Chloride

Concen: 20.256 ug/l

RT: 2.782 min Scan# 278

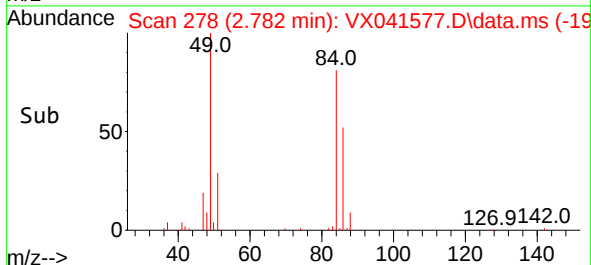
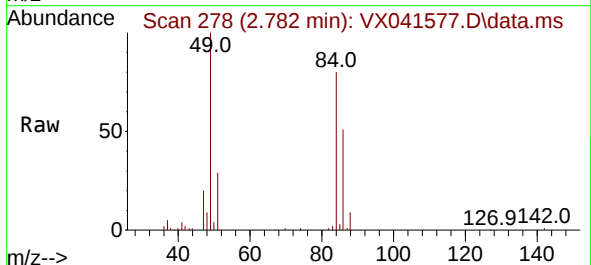
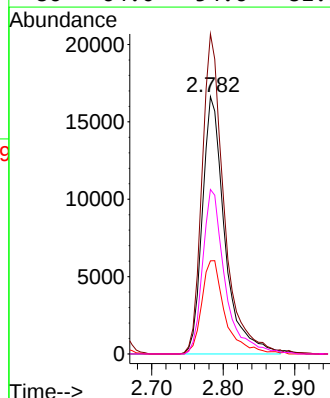
Delta R.T. -0.006 min

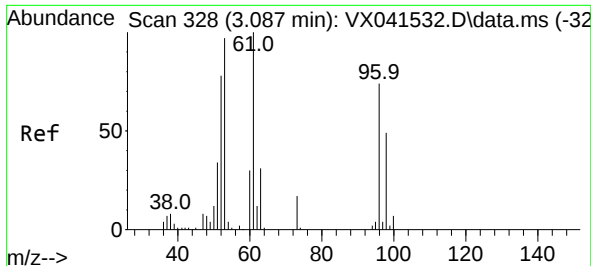
Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion: 84 Resp: 36229

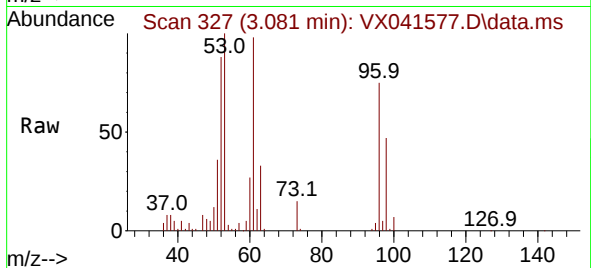
Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.8	149.8
51	36.2	30.2	45.4
86	64.0	54.6	81.8





#19
trans-1,2-Dichloroethene
Concen: 18.792 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

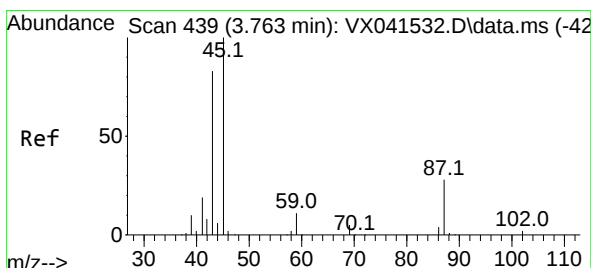
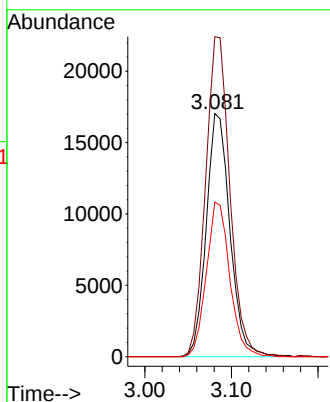
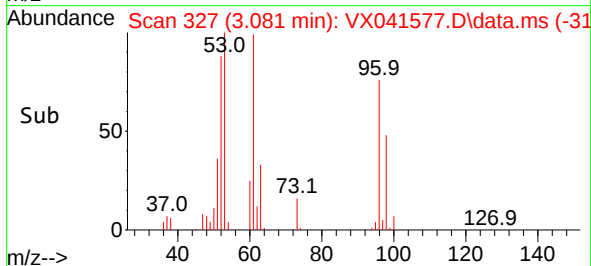
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 32400
Ion Ratio Lower Upper
96 100
61 131.6 107.7 161.5
98 63.6 53.1 79.7

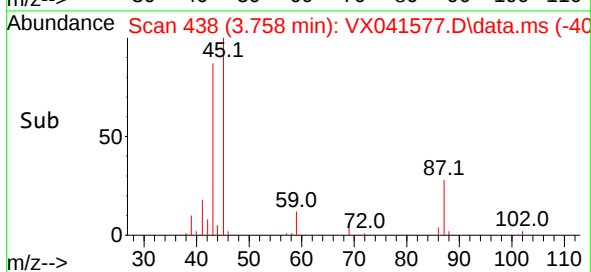
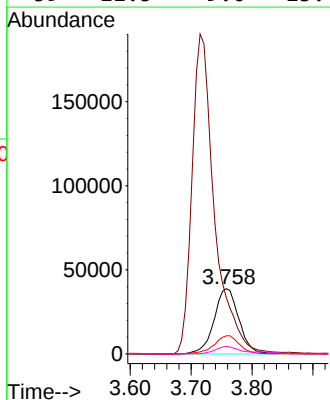
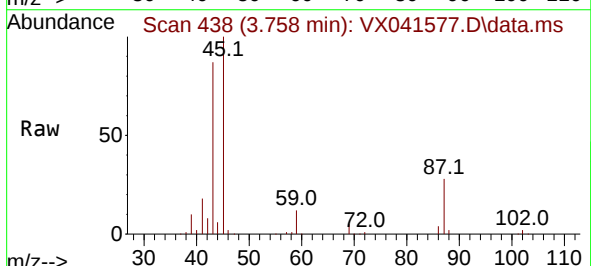
Manual Integrations
APPROVED

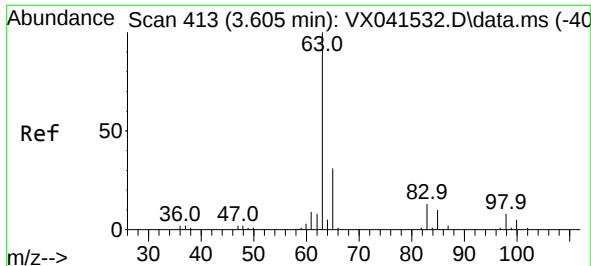
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#20
Diisopropyl ether
Concen: 19.595 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 45 Resp: 109874
Ion Ratio Lower Upper
45 100
43 84.2 66.7 100.1
87 27.6 22.4 33.6
59 11.5 9.0 13.4





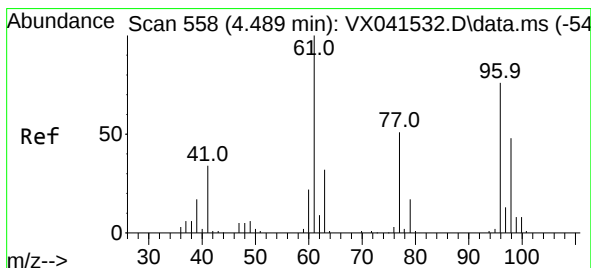
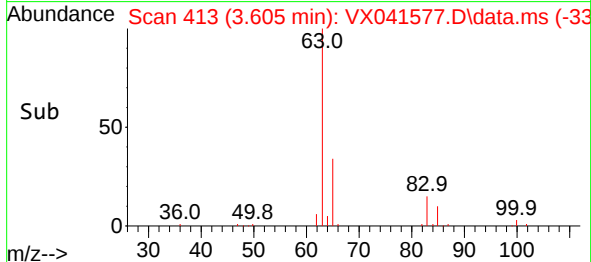
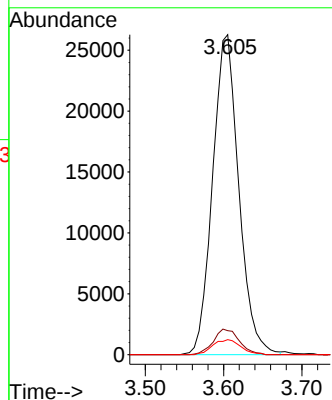
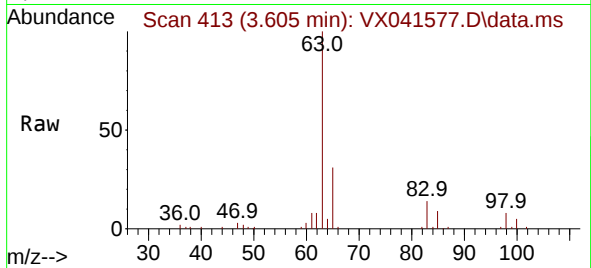
#21
1,1-Dichloroethane
Concen: 19.427 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 61130
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.4
100 4.7 2.5 7.4

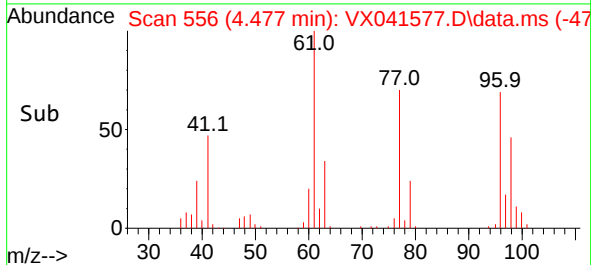
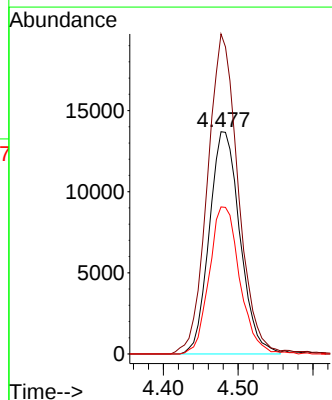
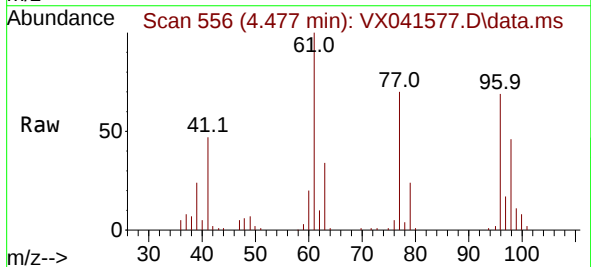
Manual Integrations
APPROVED

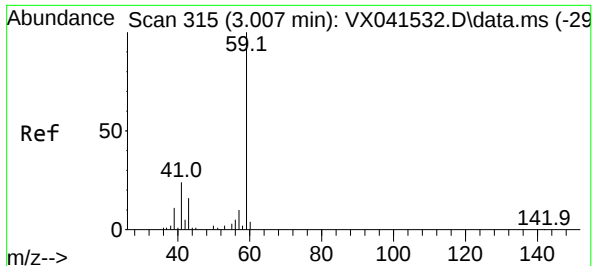
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#22
cis-1,2-Dichloroethene
Concen: 18.640 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 96 Resp: 39060
Ion Ratio Lower Upper
96 100
61 143.9 114.2 171.4
98 65.8 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 95.278 ug/l m

RT: 2.989 min Scan# 315

Delta R.T. -0.018 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 40262

Ion Ratio Lower Upper

59 100

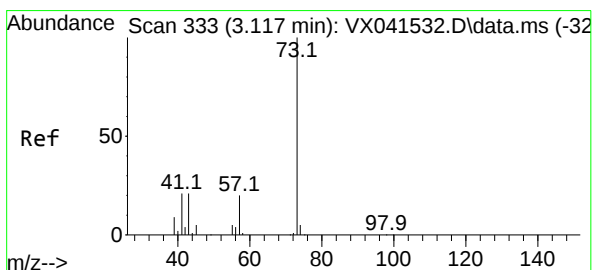
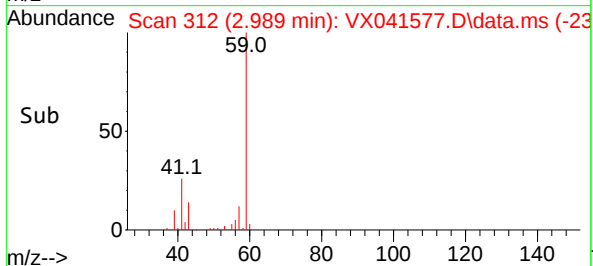
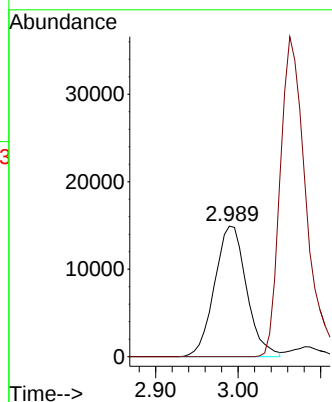
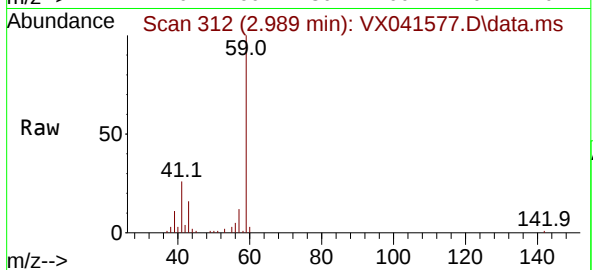
52 201.8 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#24

Methyl tert-Butyl Ether

Concen: 18.962 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX041577.D

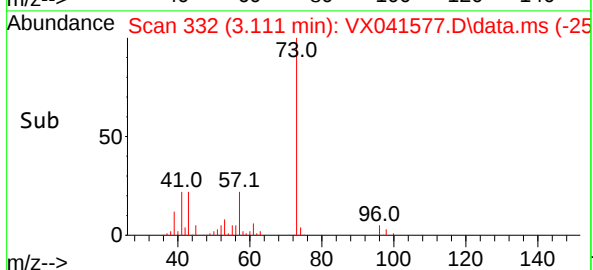
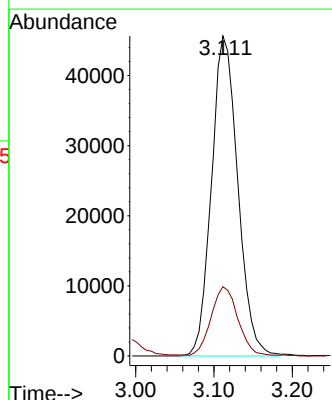
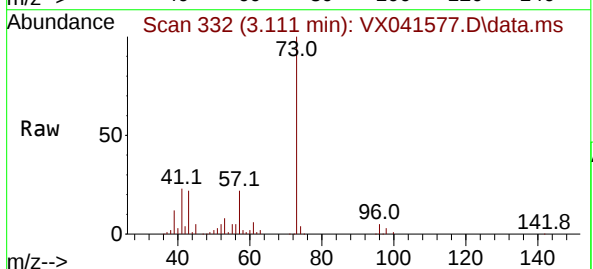
Acq: 21 May 2024 09:43

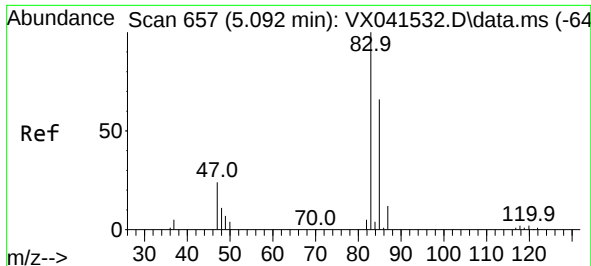
Tgt Ion: 73 Resp: 106463

Ion Ratio Lower Upper

73 100

43 22.2 17.2 25.8





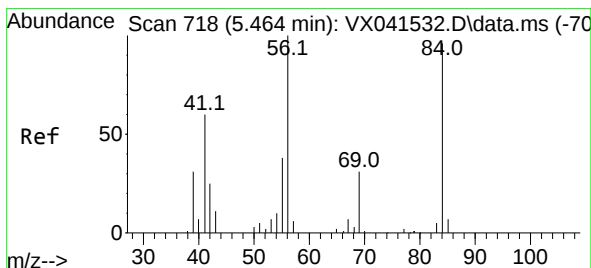
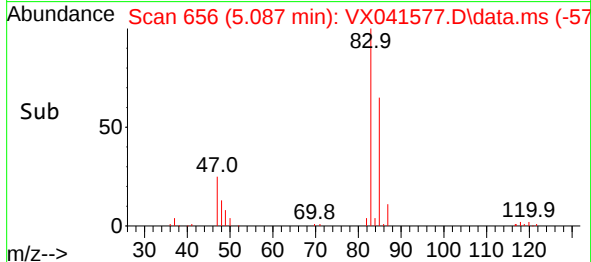
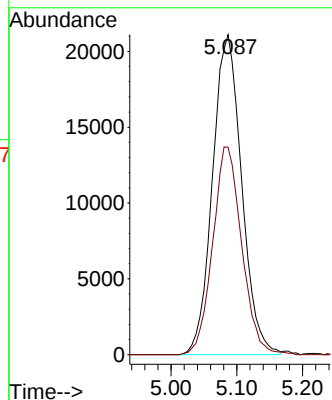
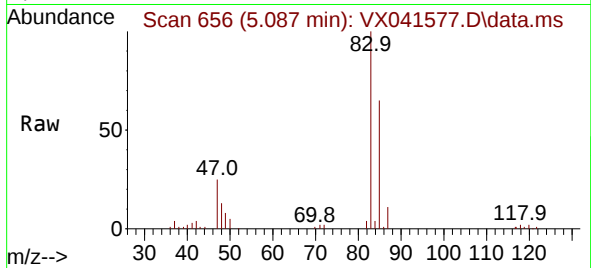
#25
Chloroform
Concen: 19.425 ug/l
RT: 5.087 min Scan# 651
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6512
Ion Ratio Lower Upper
83 100
85 64.8 52.9 79.3

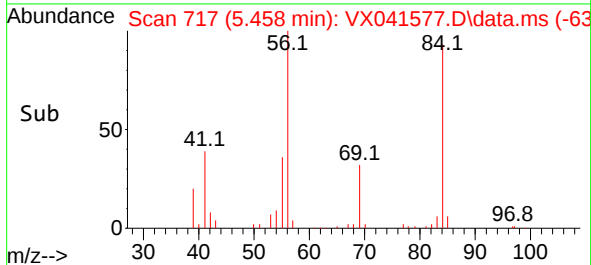
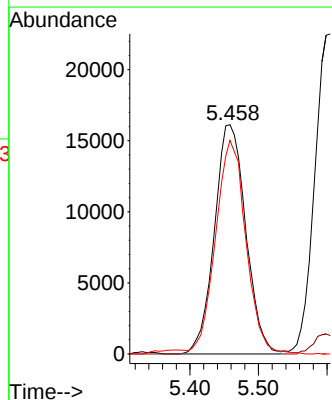
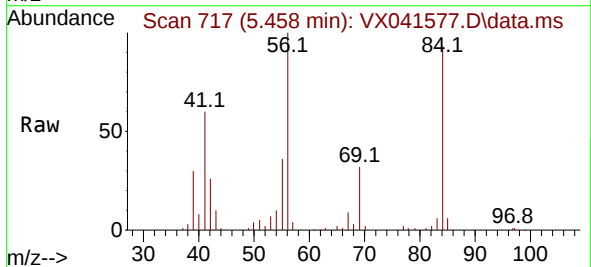
Manual Integrations
APPROVED

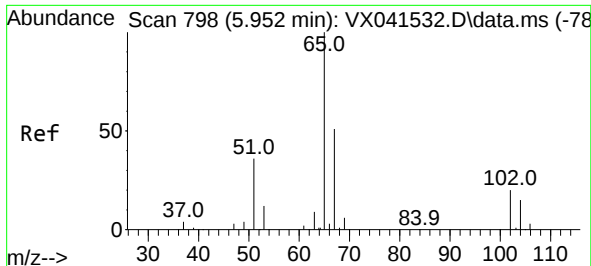
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#26
Cyclohexane
Concen: 19.504 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 56 Resp: 51183
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.2 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 30.663 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDC020

Tgt Ion: 65 Resp: 70970

Ion Ratio Lower Upper

65 100

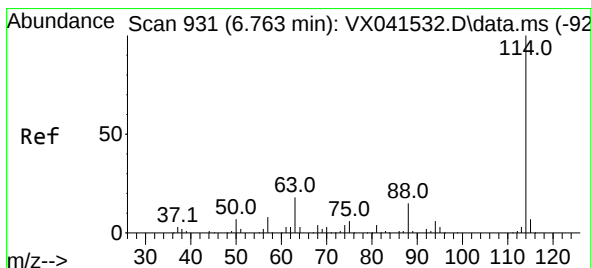
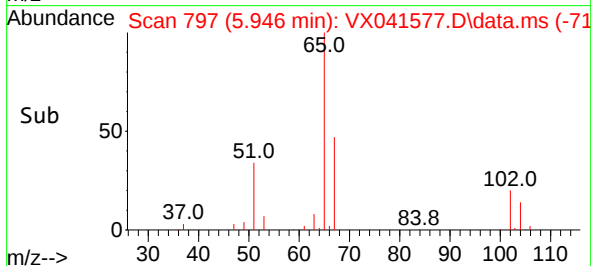
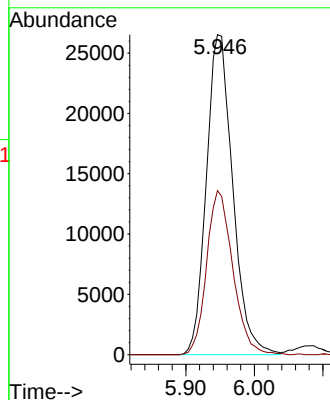
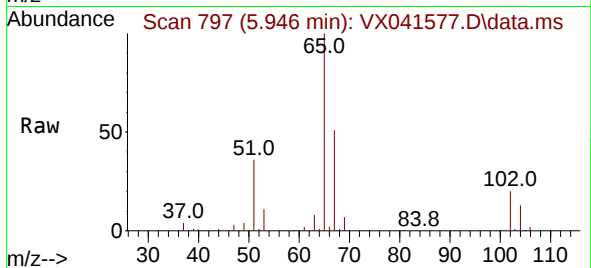
67 51.0 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

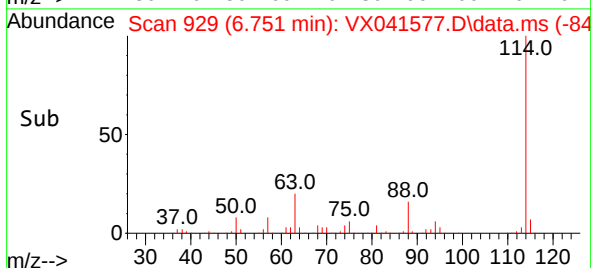
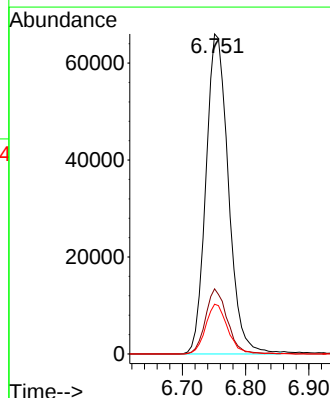
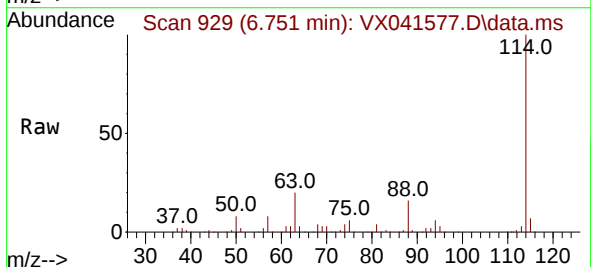
Tgt Ion:114 Resp: 163051

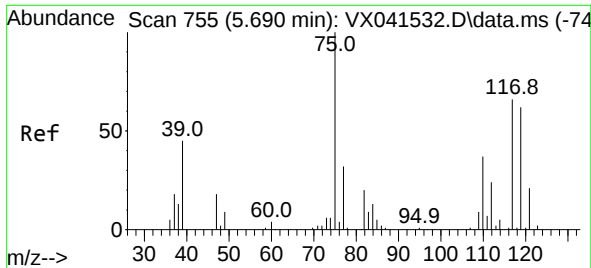
Ion Ratio Lower Upper

114 100

63 19.7 15.4 23.0

88 15.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.794 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

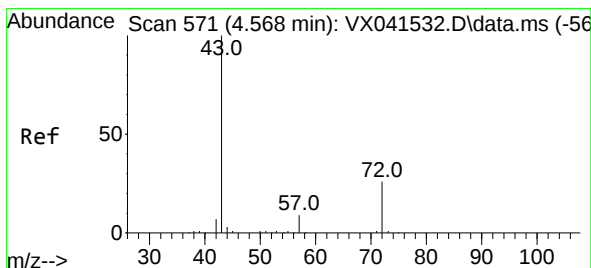
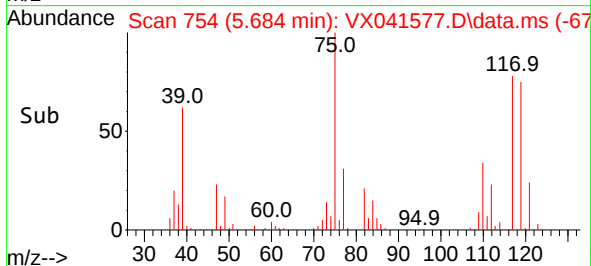
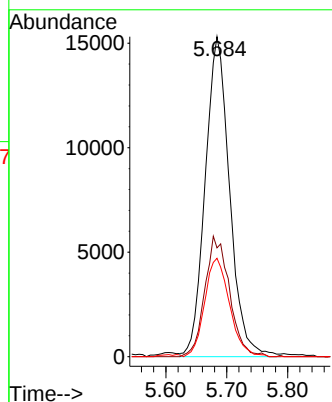
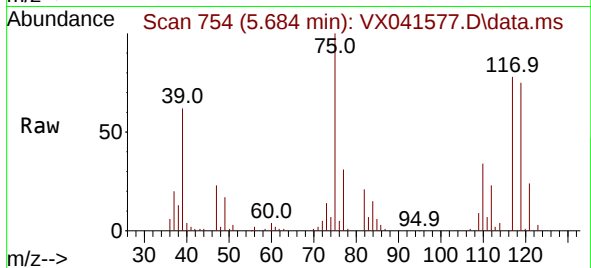
VSTDCCC020

Tgt Ion: 75 Resp: 4269
Ion Ratio Lower Upper
75 100
110 37.7 0.0 74.4
77 31.3 0.0 62.6

Manual Integrations

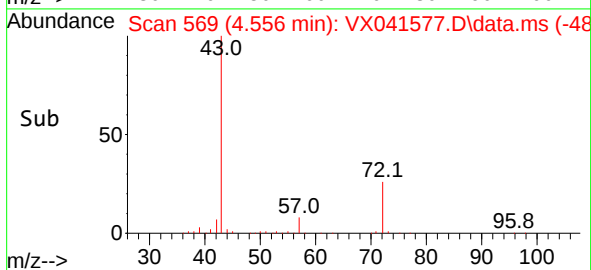
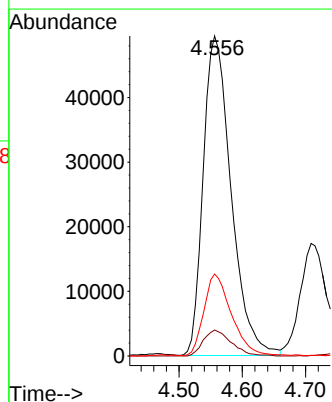
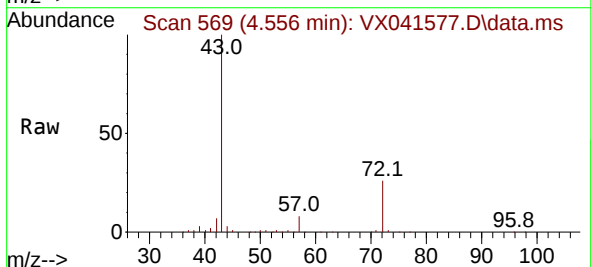
APPROVED

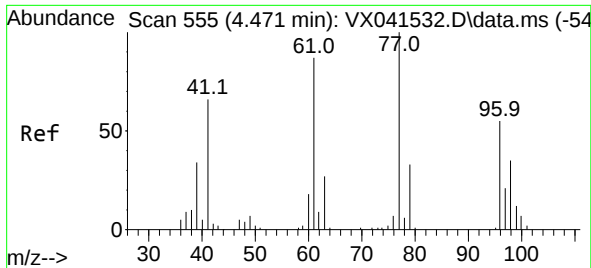
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#30
2-Butanone
Concen: 106.045 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 43 Resp: 151817
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.4 20.7 31.1





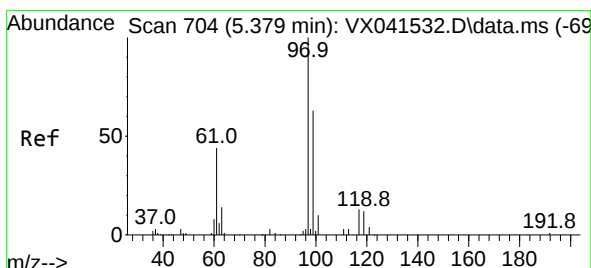
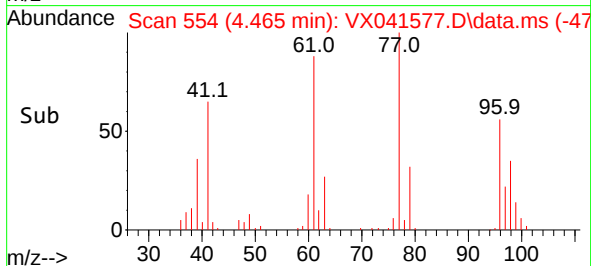
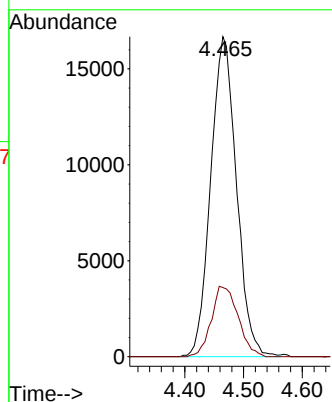
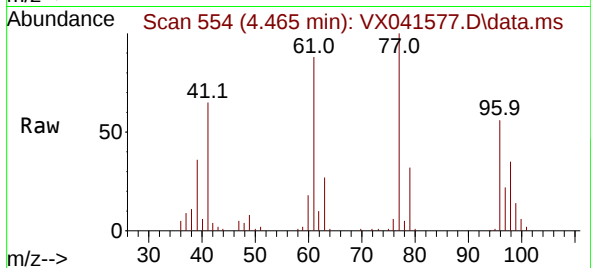
#31
2,2-Dichloropropane
Concen: 20.045 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 50740
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0

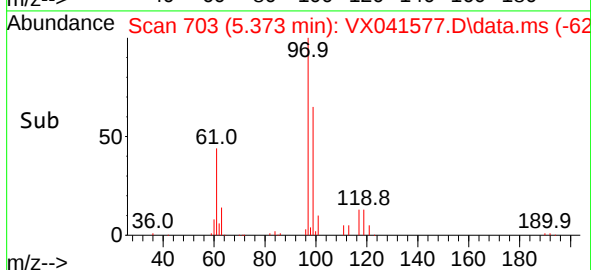
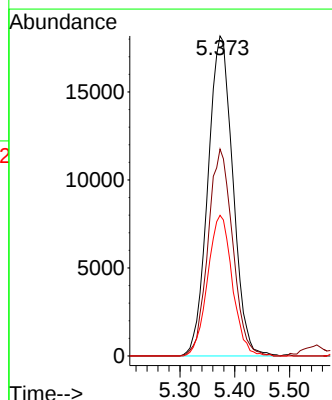
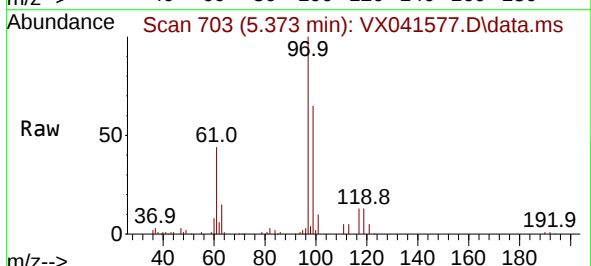
Manual Integrations
APPROVED

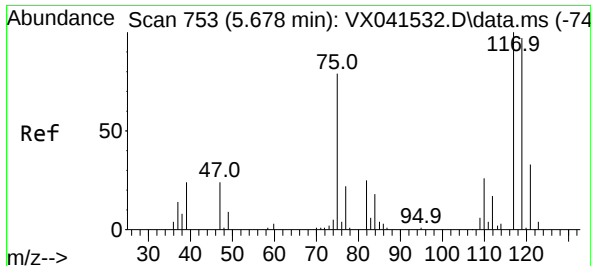
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#32
1,1,1-Trichloroethane
Concen: 19.879 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 97 Resp: 57532
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.4 34.6 51.8





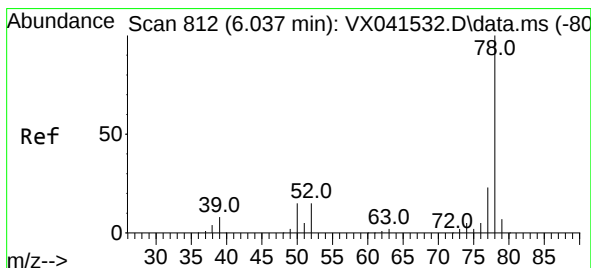
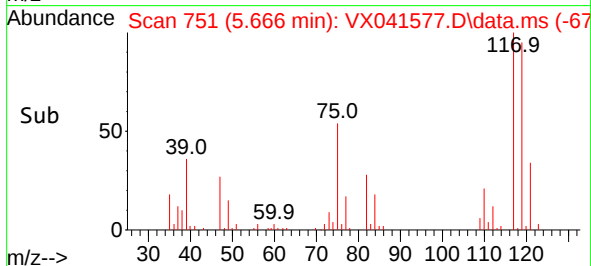
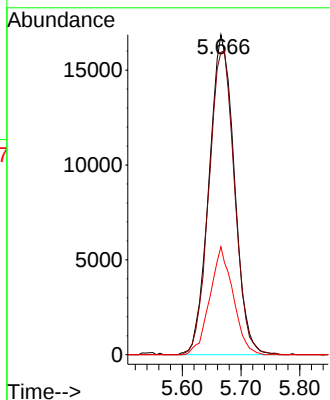
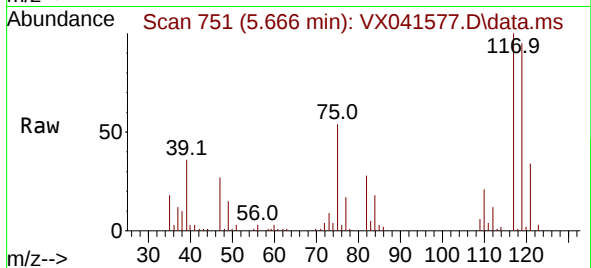
#33
Carbon Tetrachloride
Concen: 20.331 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 5034
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2
121 33.7 26.4 39.6

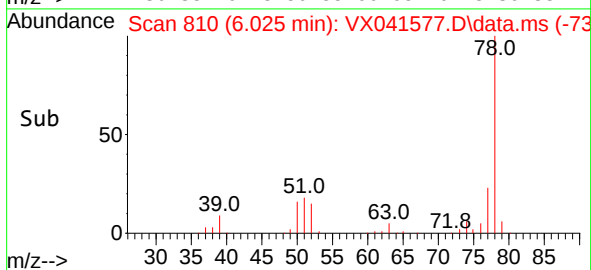
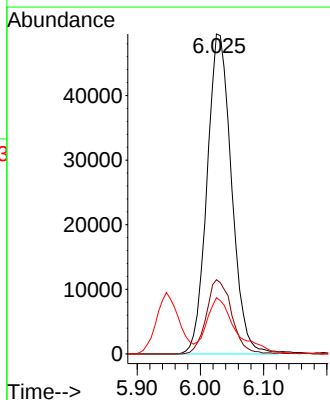
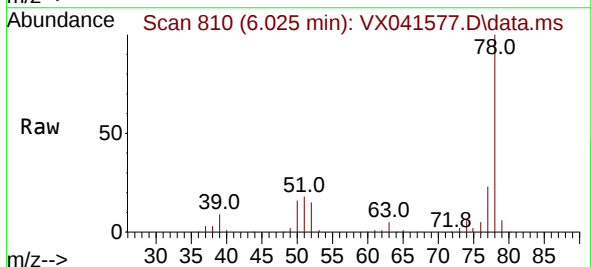
Manual Integrations
APPROVED

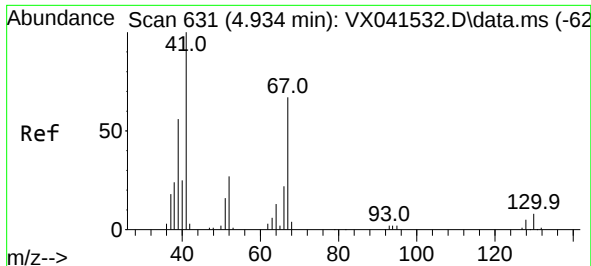
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#34
Benzene
Concen: 19.576 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

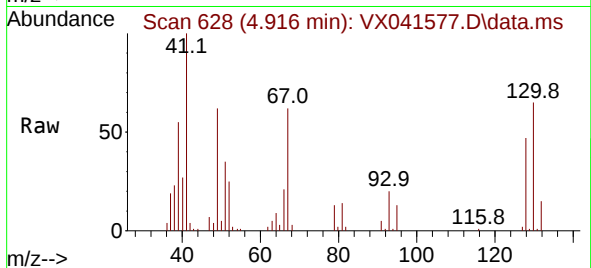
Tgt Ion: 78 Resp: 133348
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
51 16.9 12.4 18.6





#35
Methacrylonitrile
Concen: 19.914 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

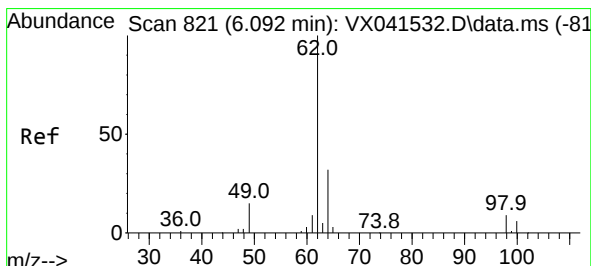
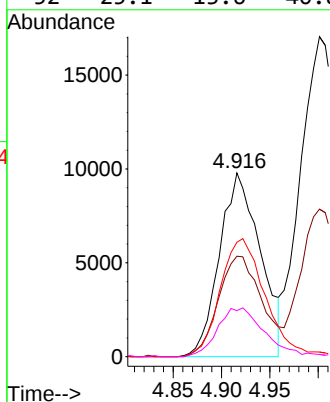
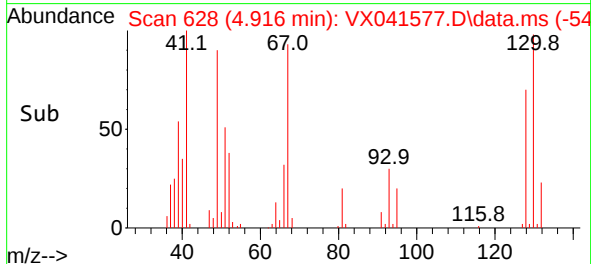
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 2875
Ion Ratio Lower Upper
41 100
39 54.7 28.1 84.4
67 62.3 33.7 101.1
52 25.1 13.6 40.8

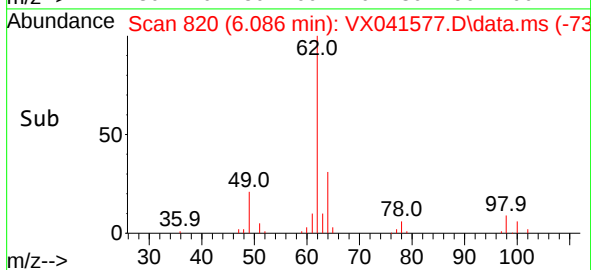
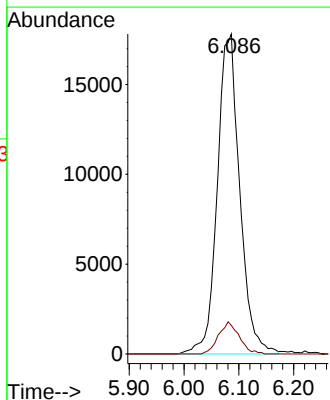
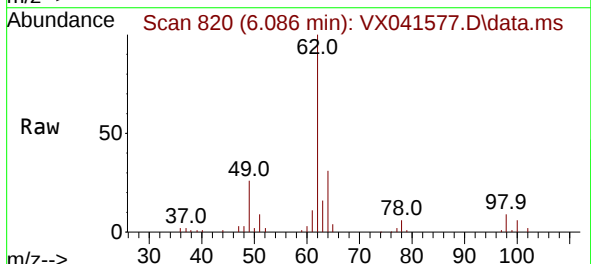
Manual Integrations
APPROVED

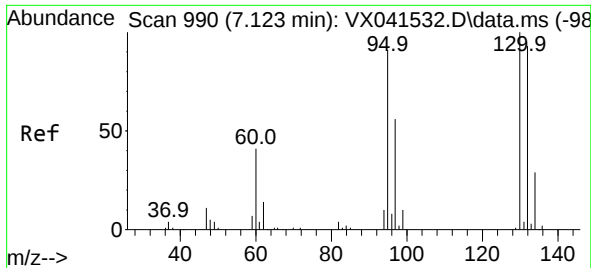
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#36
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

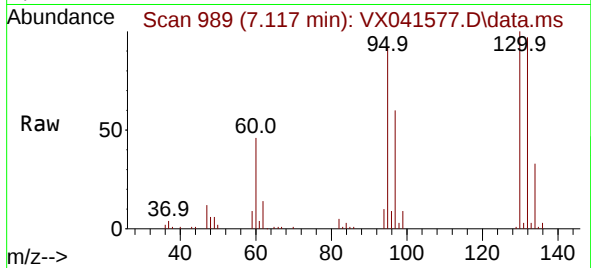
Tgt Ion: 62 Resp: 50710
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 19.130 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

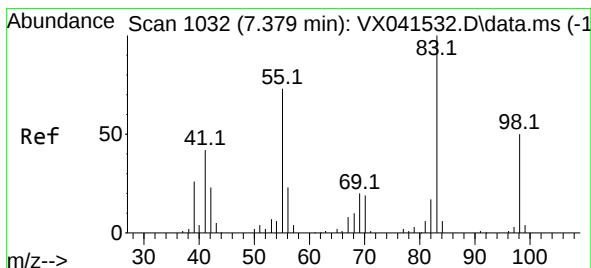
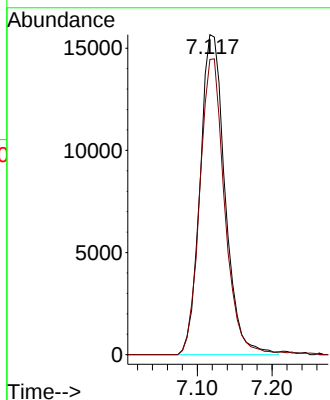
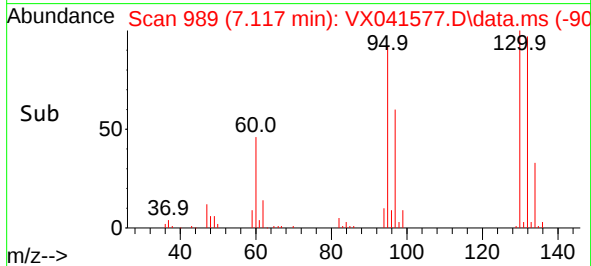
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



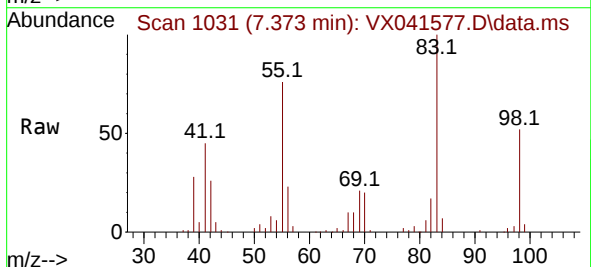
Tgt Ion:130 Resp: 36300
Ion Ratio Lower Upper
130 100
95 92.2 72.6 108.8

Manual Integrations
APPROVED

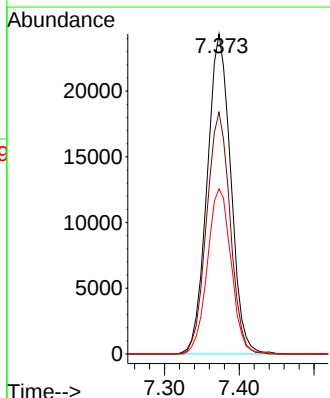
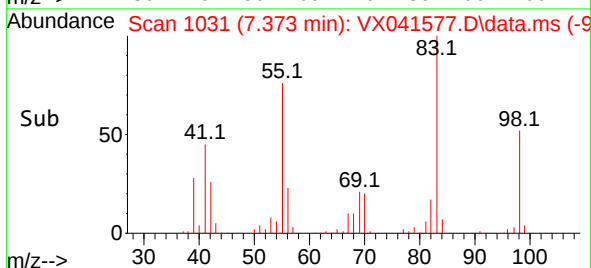
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

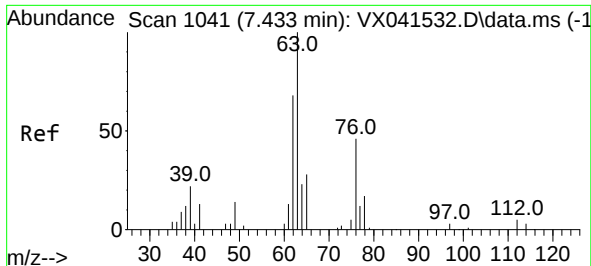


#38
Methylcyclohexane
Concen: 19.528 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 83 Resp: 53481
Ion Ratio Lower Upper
83 100
55 75.2 37.7 113.1
98 52.0 25.1 75.3





#39

1,2-Dichloropropane

Concen: 20.137 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 32424

Ion Ratio Lower Upper

63 100

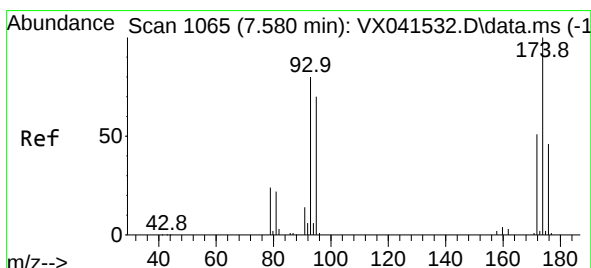
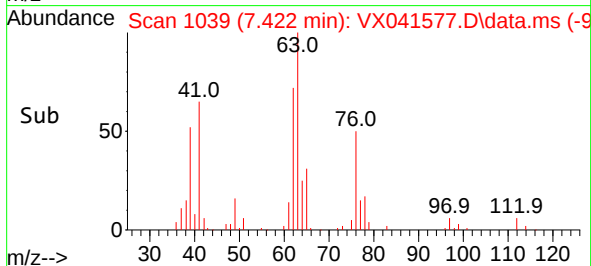
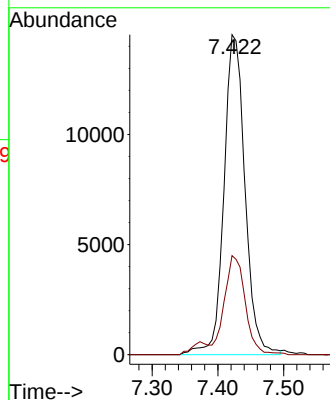
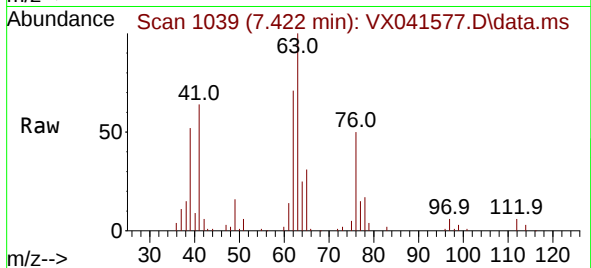
65 30.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#40

Dibromomethane

Concen: 19.743 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

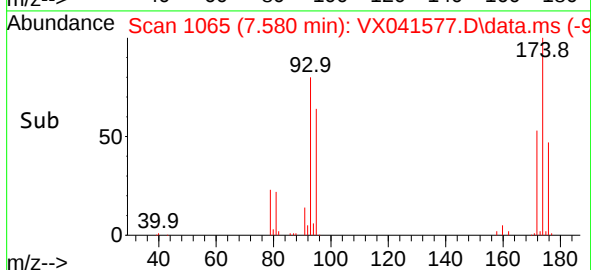
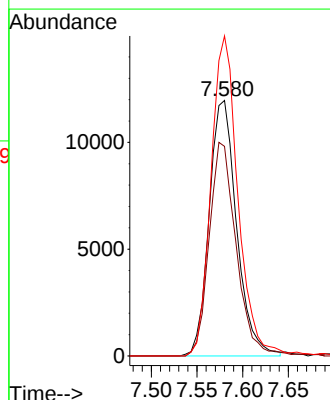
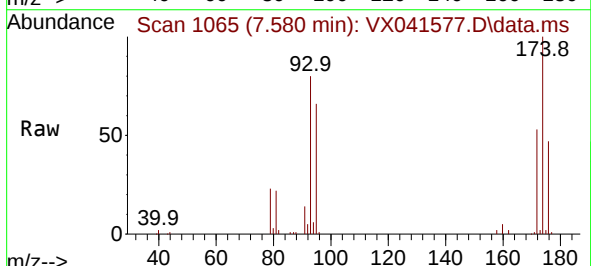
Tgt Ion: 93 Resp: 25020

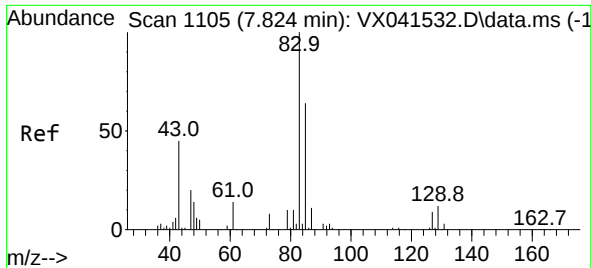
Ion Ratio Lower Upper

93 100

95 81.9 0.0 168.6

174 122.4 0.0 249.8





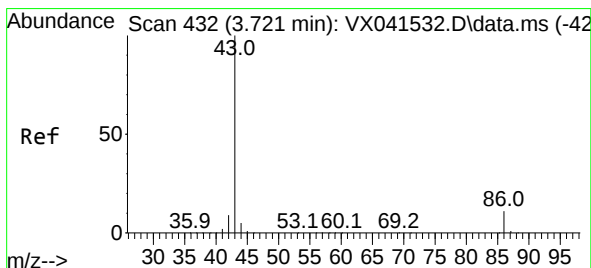
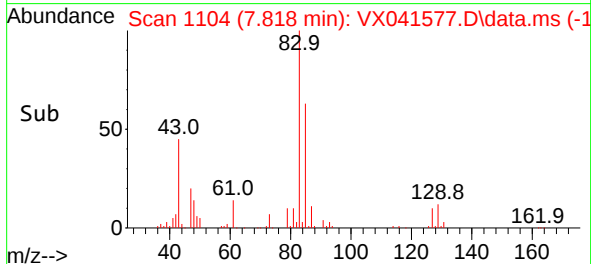
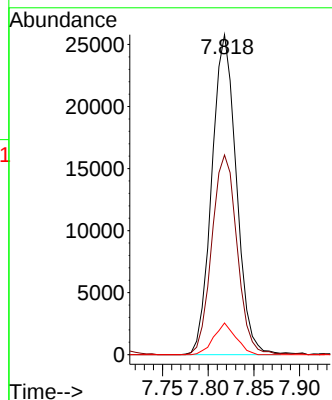
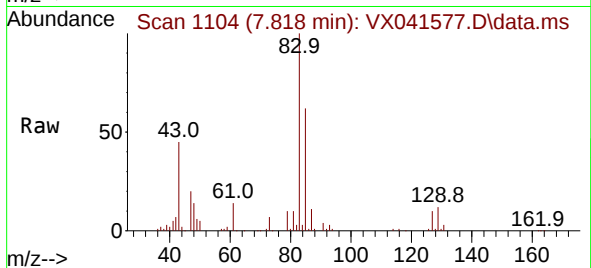
#41
Bromodichloromethane
Concen: 20.256 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4819
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 9.9 7.1 10.7

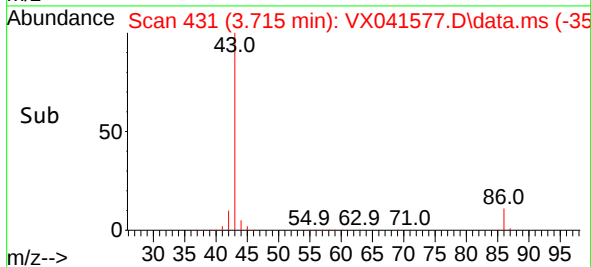
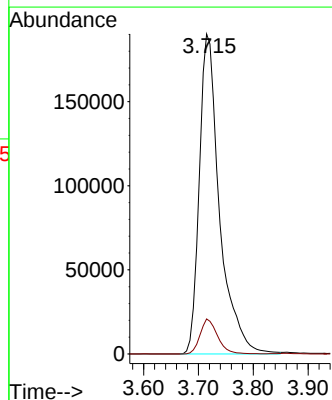
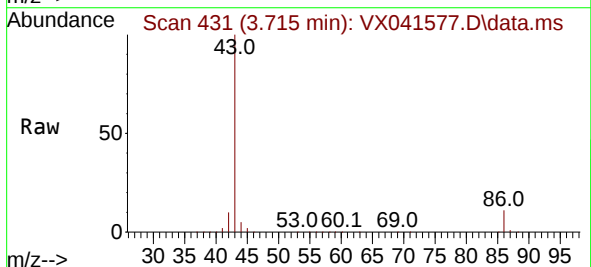
Manual Integrations
APPROVED

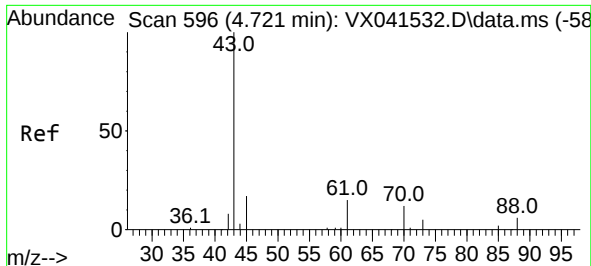
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#42
Vinyl Acetate
Concen: 98.268 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

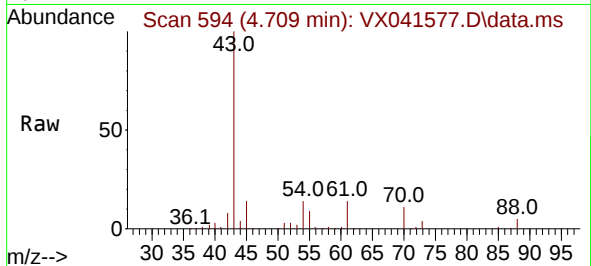
Tgt Ion: 43 Resp: 488108
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





#43
Ethyl Acetate
Concen: 19.146 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

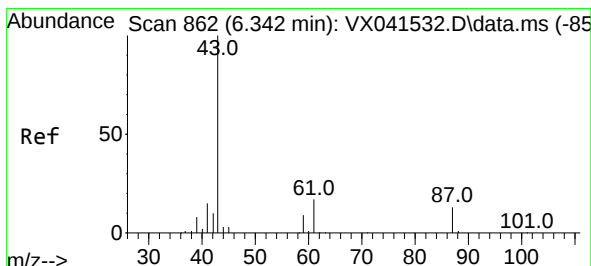
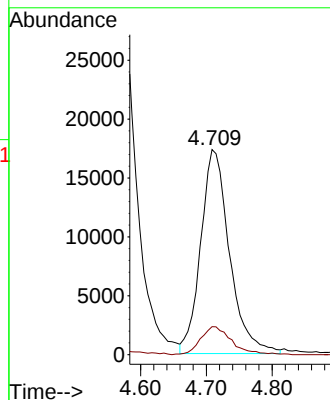
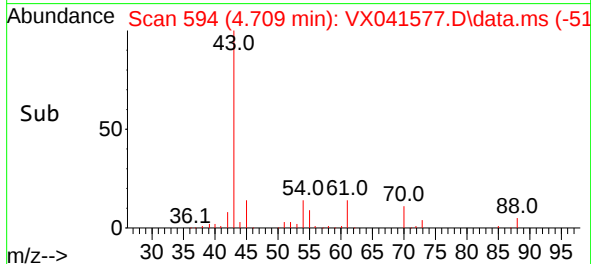
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 5288
Ion Ratio Lower Upper
43 100
45 14.6 11.9 17.9

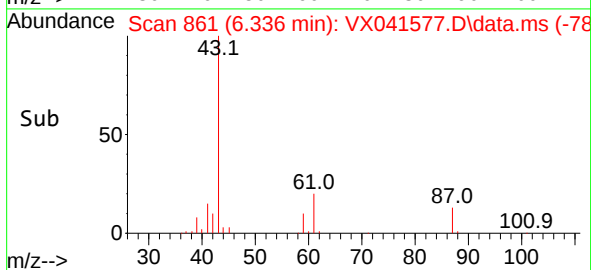
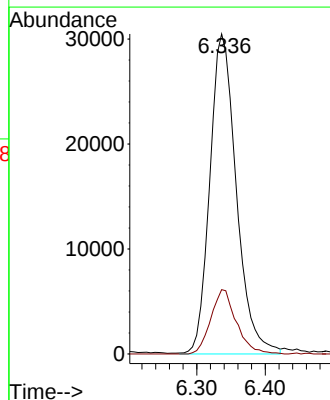
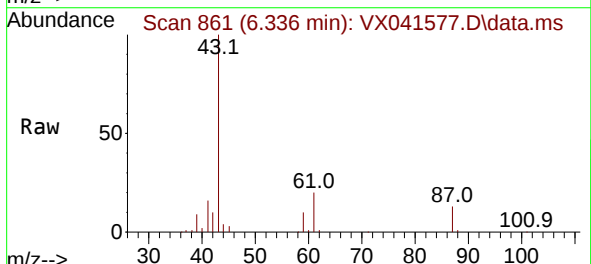
Manual Integrations
APPROVED

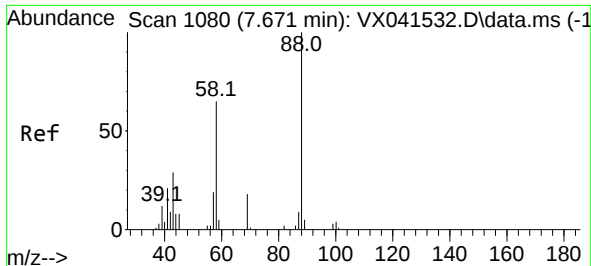
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#44
Isopropyl Acetate
Concen: 19.621 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

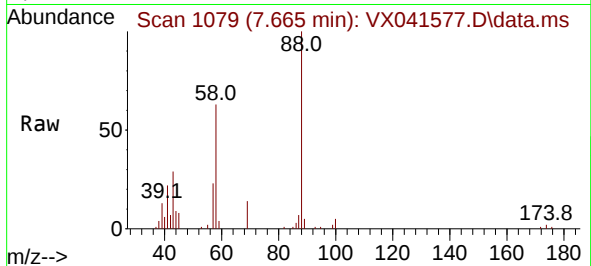
Tgt Ion: 43 Resp: 81928
Ion Ratio Lower Upper
43 100
61 19.3 15.3 22.9





#45
1,4-Dioxane
Concen: 363.955 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

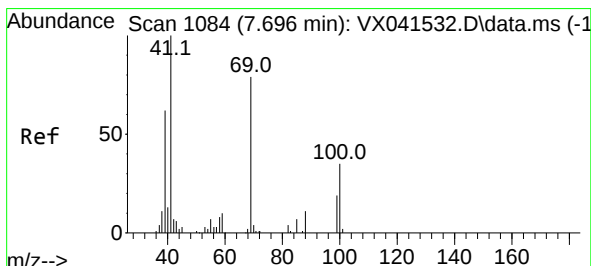
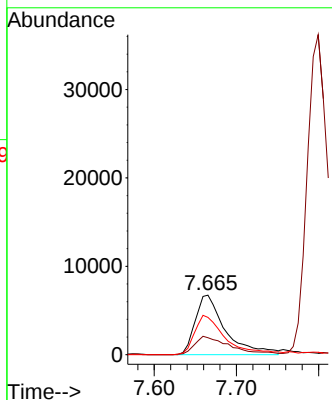
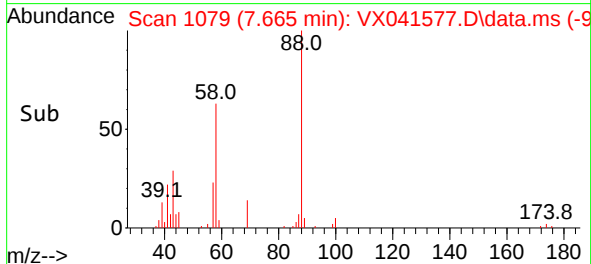
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 17139
Ion Ratio Lower Upper
88 100
43 36.4 24.9 37.3
58 67.4 47.0 70.4

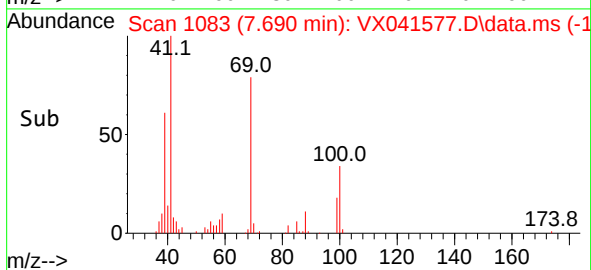
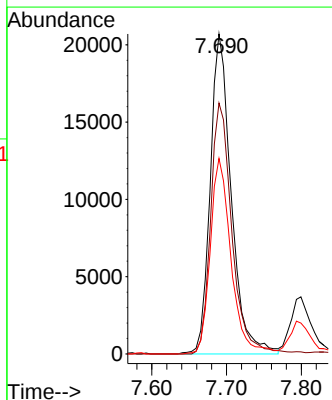
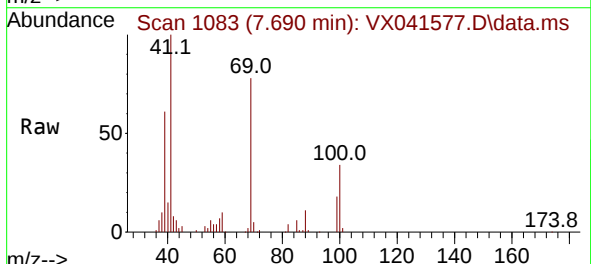
Manual Integrations
APPROVED

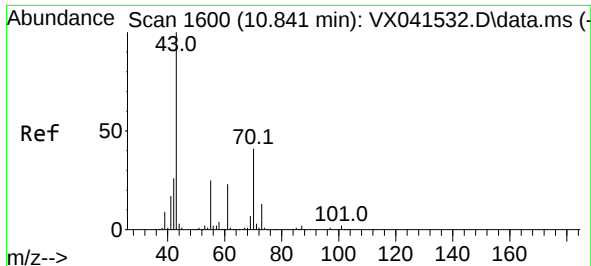
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#46
Methyl methacrylate
Concen: 19.499 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

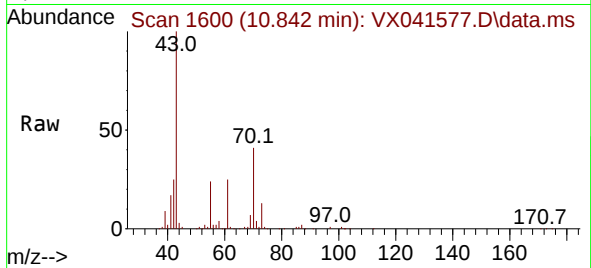
Tgt Ion: 41 Resp: 40511
Ion Ratio Lower Upper
41 100
69 78.4 39.6 119.0
39 61.1 30.9 92.8





#47
n-amy1 Acetate
Concen: 19.249 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

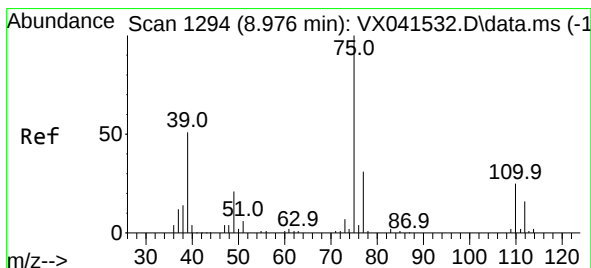
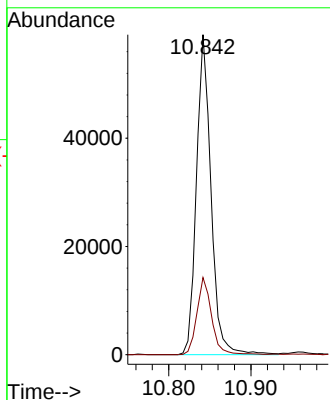
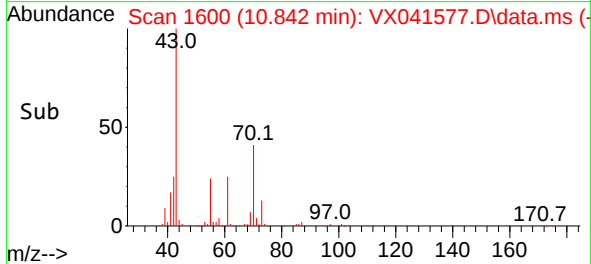
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 7288
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.0

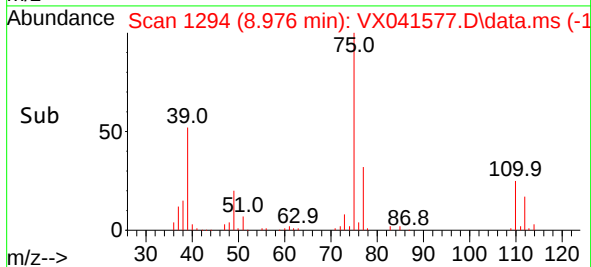
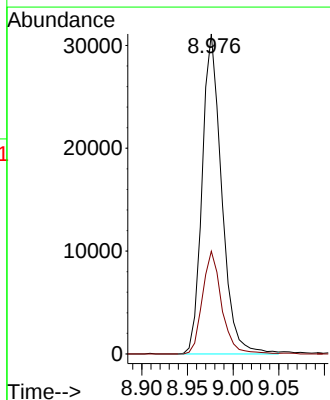
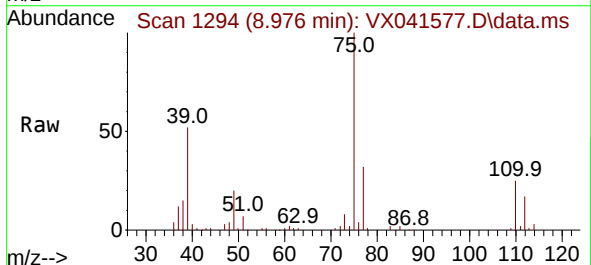
Manual Integrations
APPROVED

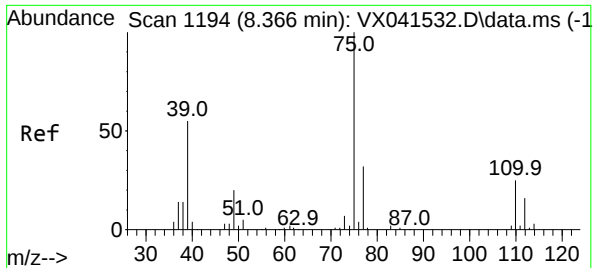
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#48
t-1,3-Dichloropropene
Concen: 19.380 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 75 Resp: 46304
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 19.929 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

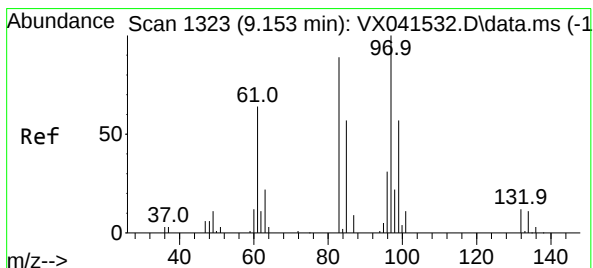
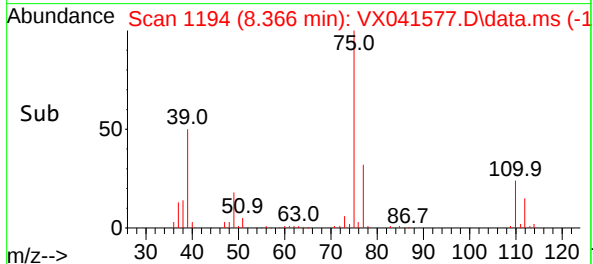
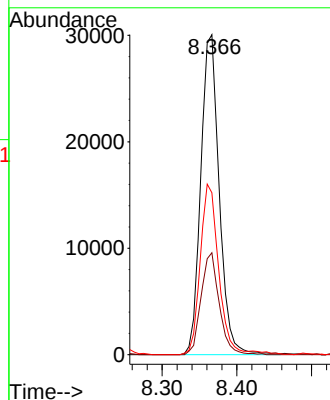
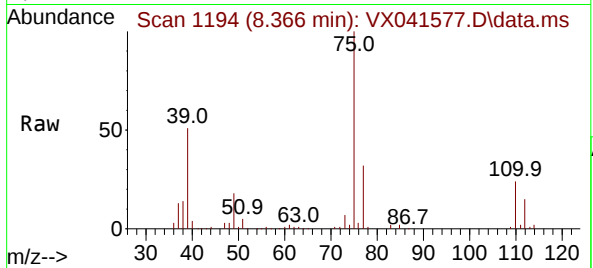
Tgt Ion: 75 Resp: 51574

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	50.6	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#50

1,1,2-Trichloroethane

Concen: 19.727 ug/l

RT: 9.147 min Scan# 1322

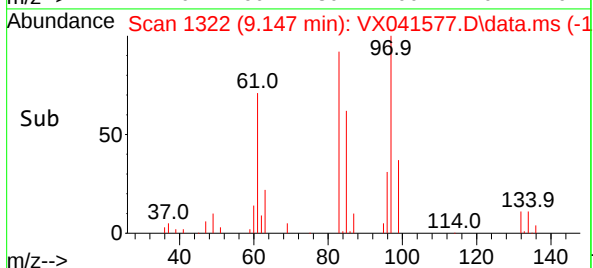
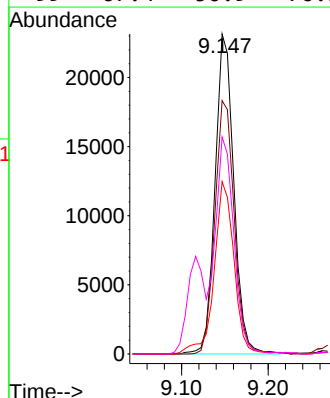
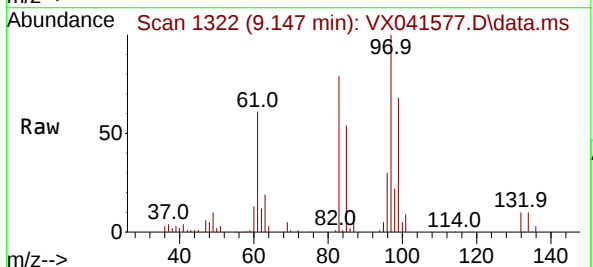
Delta R.T. -0.006 min

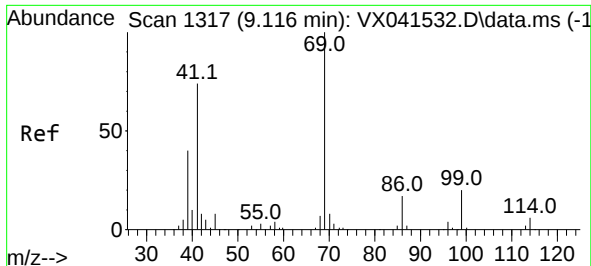
Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion: 97 Resp: 34777

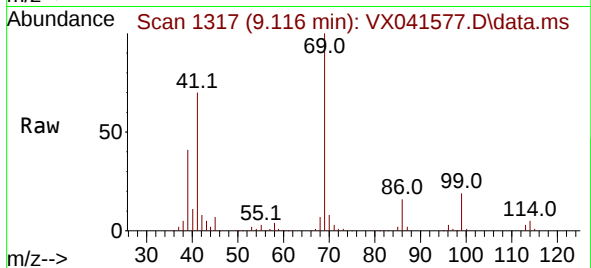
Ion	Ratio	Lower	Upper
97	100		
83	79.2	71.3	106.9
85	53.5	45.7	68.5
99	67.4	50.9	76.3





#51
Ethyl methacrylate
Concen: 18.775 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

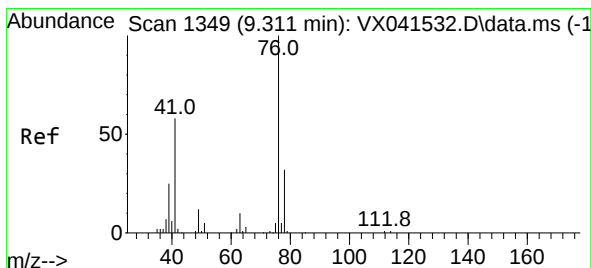
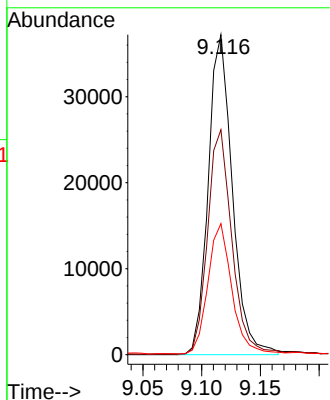
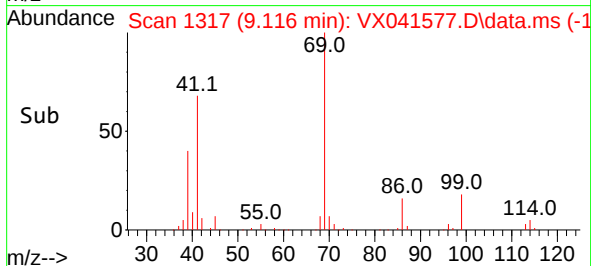
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



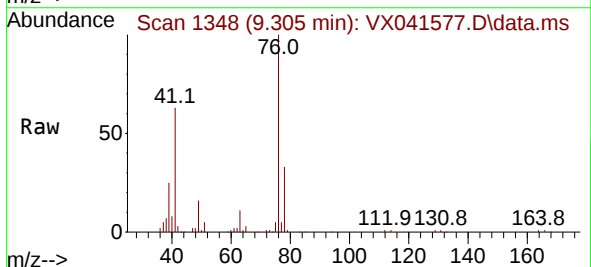
Tgt Ion: 69 Resp: 53270
Ion Ratio Lower Upper
69 100
41 70.1 37.1 111.3
39 40.7 20.2 60.6

Manual Integrations
APPROVED

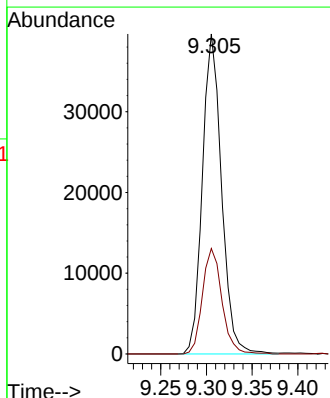
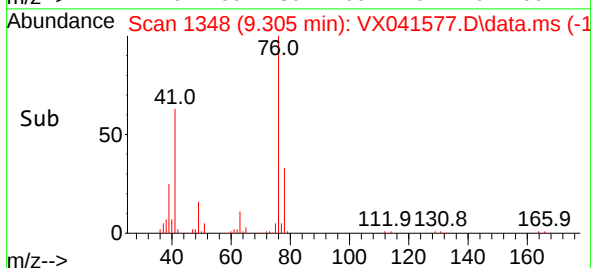
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

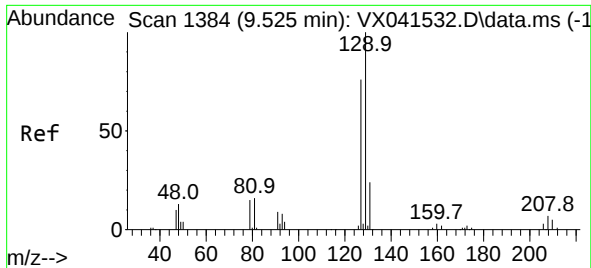


#52
1,3-Dichloropropane
Concen: 19.790 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



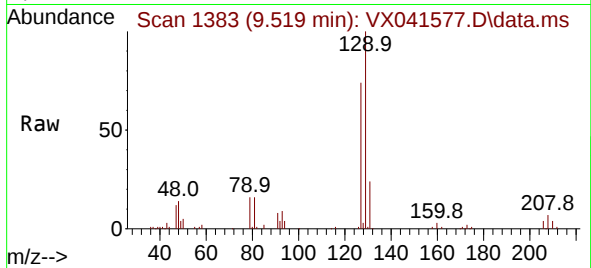
Tgt Ion: 76 Resp: 57650
Ion Ratio Lower Upper
76 100
78 33.4 0.0 64.4





#53
Dibromochloromethane
Concen: 20.173 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

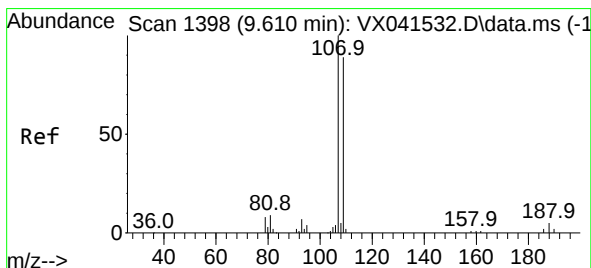
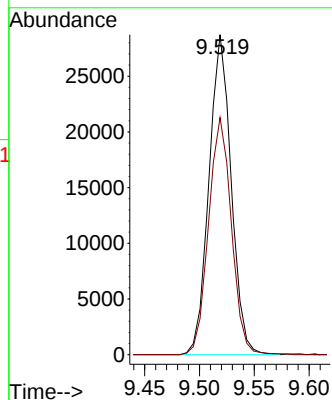
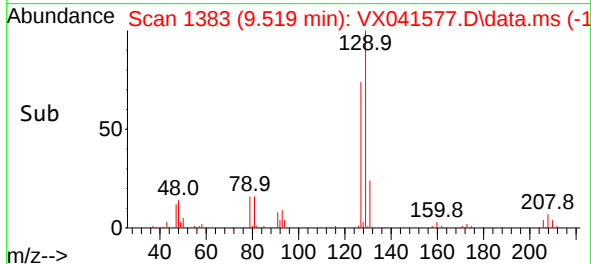
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



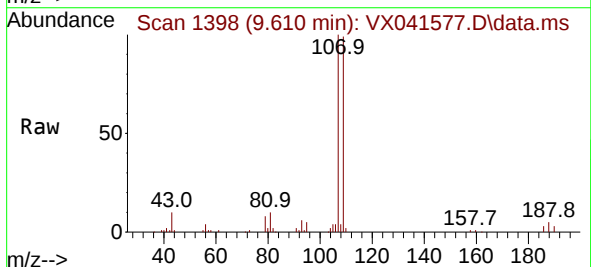
Tgt Ion:129 Resp: 40464
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

Manual Integrations
APPROVED

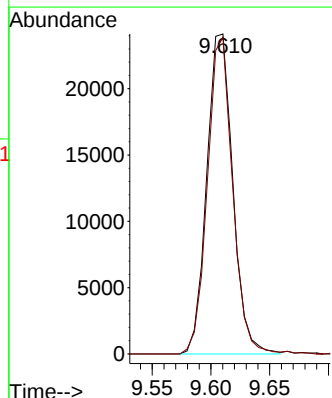
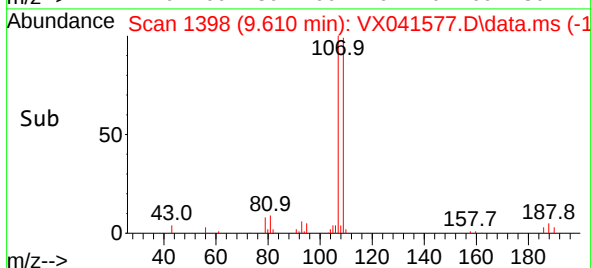
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

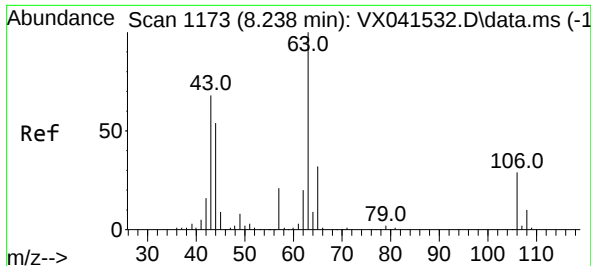


#54
1,2-Dibromoethane
Concen: 19.916 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion:107 Resp: 37233
Ion Ratio Lower Upper
107 100
109 95.4 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 99.508 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

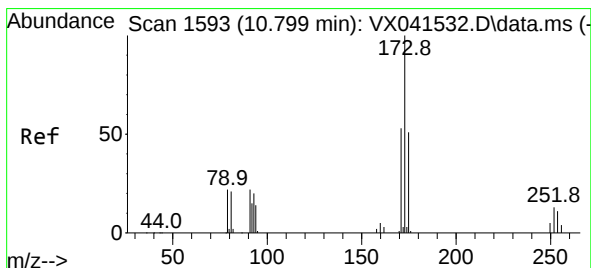
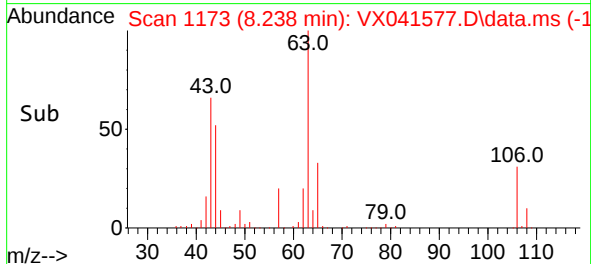
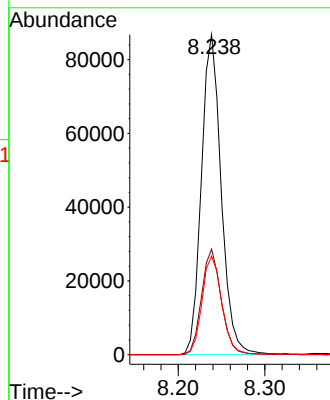
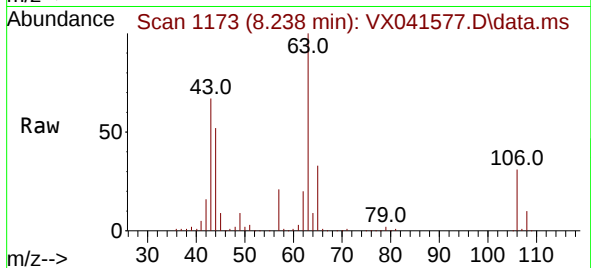
Tgt Ion: 63 Resp: 137824

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3
106	30.9	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#56

Bromoform

Concen: 20.134 ug/l

RT: 10.799 min Scan# 1593

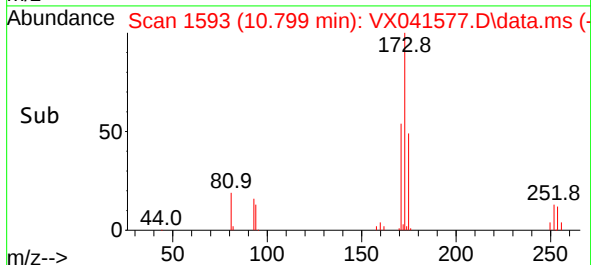
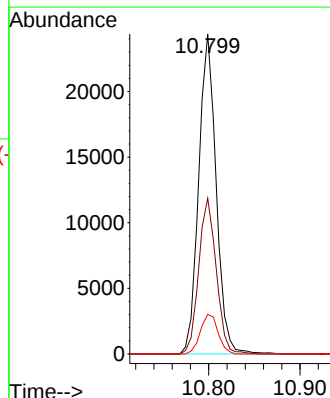
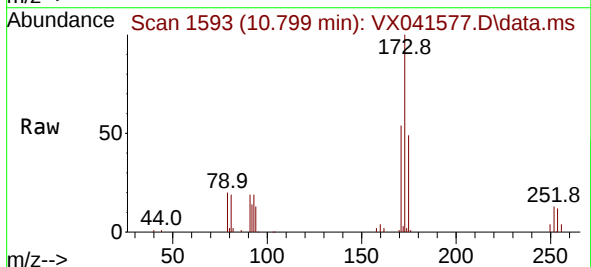
Delta R.T. 0.000 min

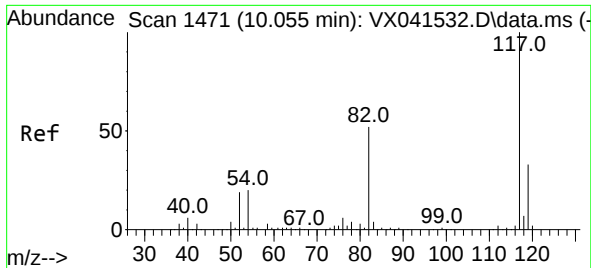
Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion:173 Resp: 32357

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.6
254	12.5	10.3	15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

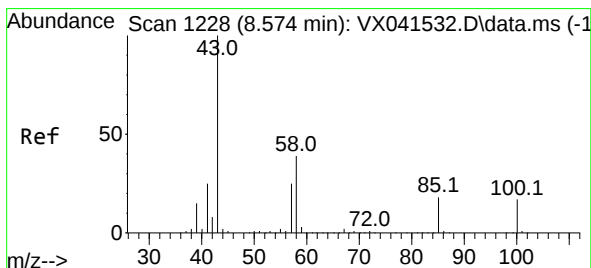
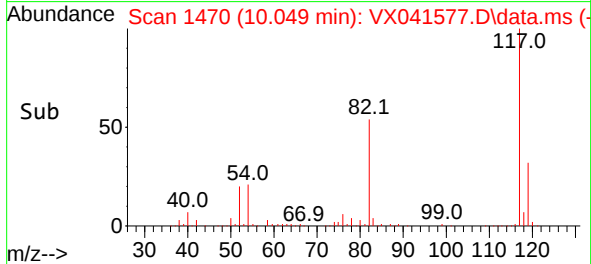
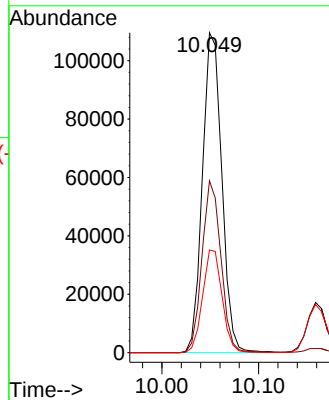
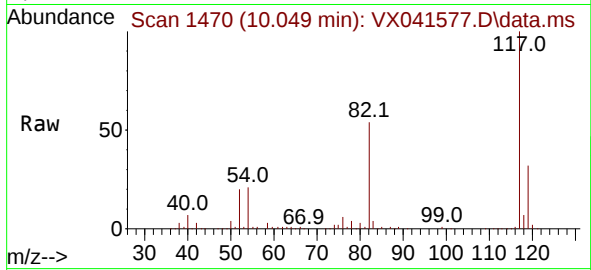
Tgt Ion: 117 Resp: 153329

Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.7	62.5
119	32.2	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#58

4-Methyl-2-Pentanone

Concen: 99.986 ug/l

RT: 8.574 min Scan# 1228

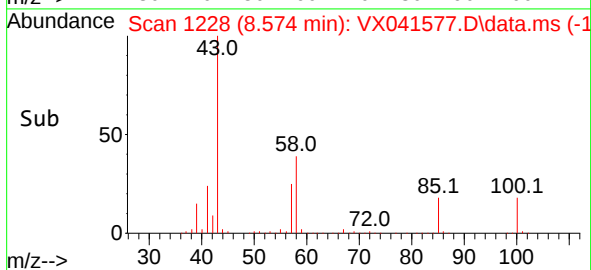
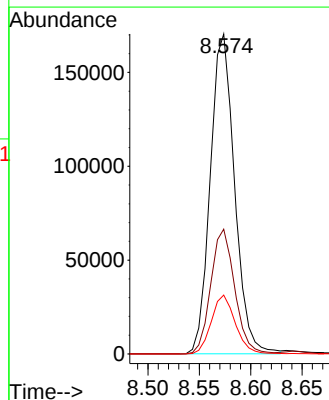
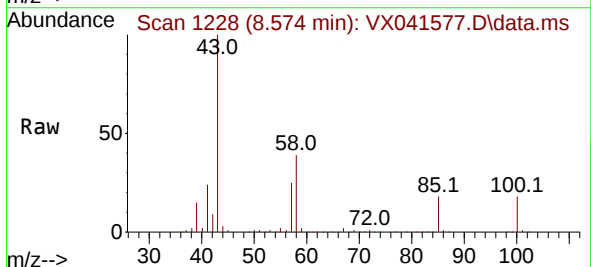
Delta R.T. 0.000 min

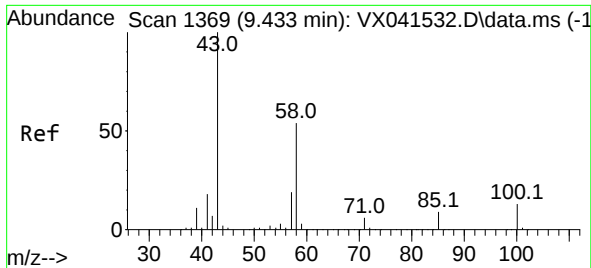
Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion: 43 Resp: 280116

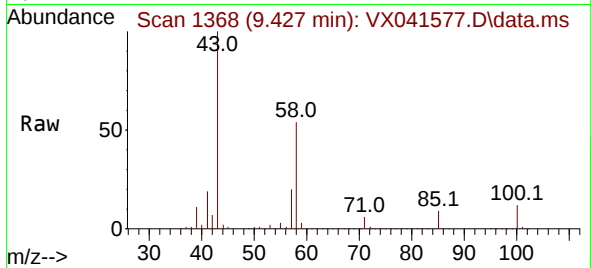
Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.2	45.4
85	18.2	14.6	21.8





#59
2-Hexanone
Concen: 102.548 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

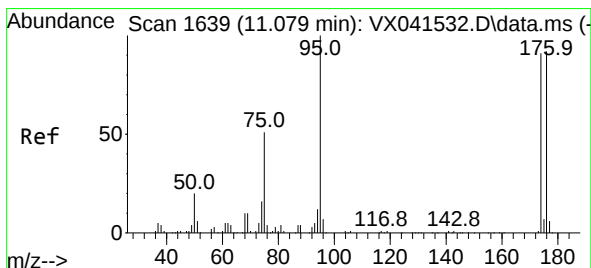
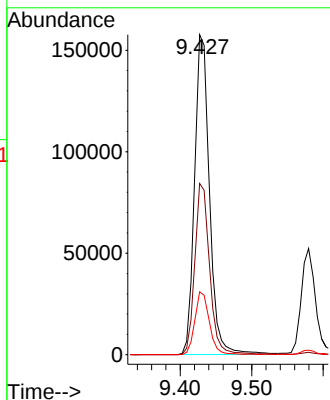
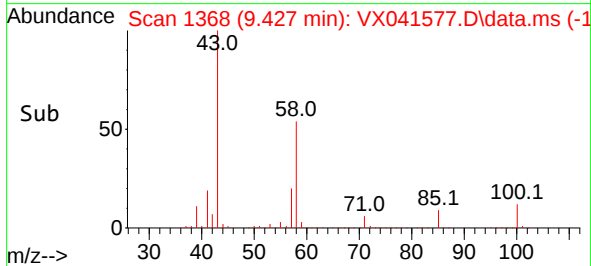
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 22887
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 19.1 15.1 22.7

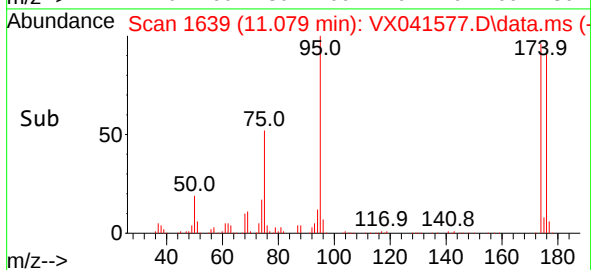
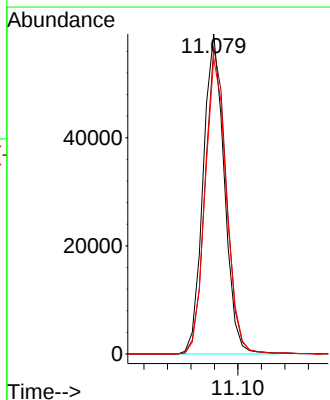
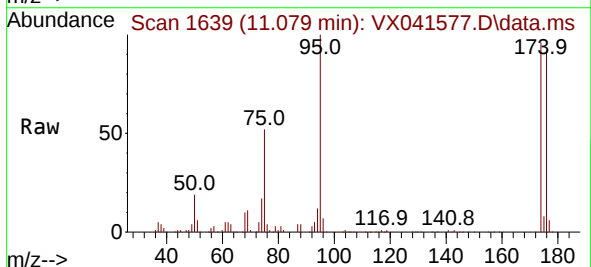
Manual Integrations
APPROVED

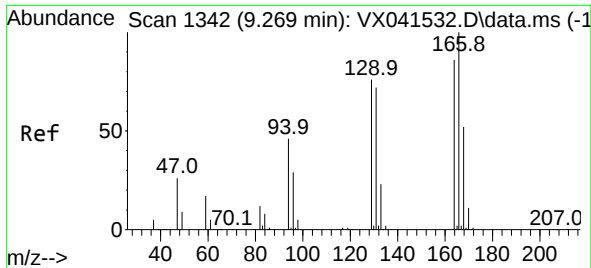
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#60
4-Bromofluorobenzene
Concen: 30.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 95 Resp: 73660
Ion Ratio Lower Upper
95 100
174 96.8 76.6 115.0
176 93.7 75.4 113.0





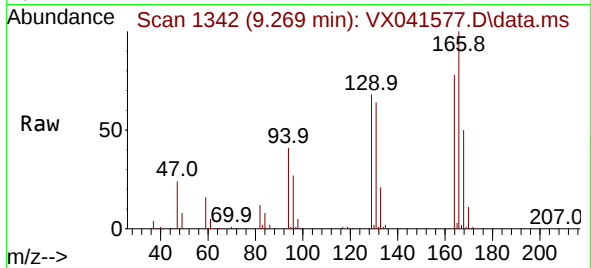
#61
Tetrachloroethene
Concen: 19.382 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

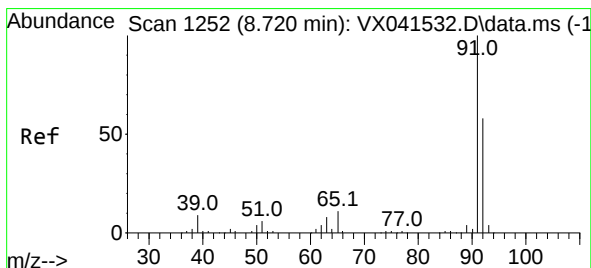
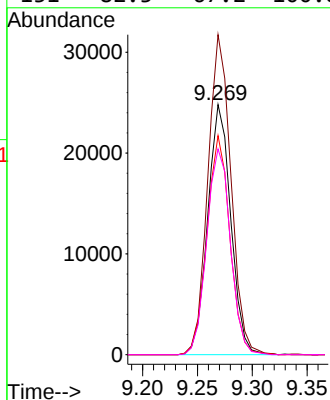
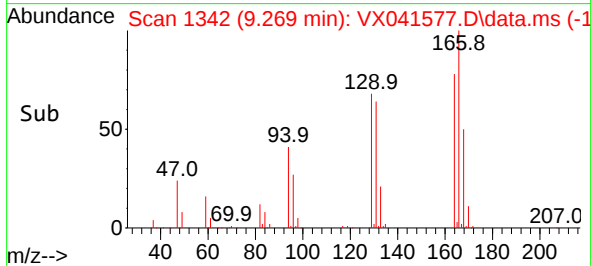


Tgt Ion:164 Resp: 36359
Ion Ratio Lower Upper
164 100
166 127.9 92.8 139.2
129 87.6 70.1 105.1
131 82.3 67.2 100.8

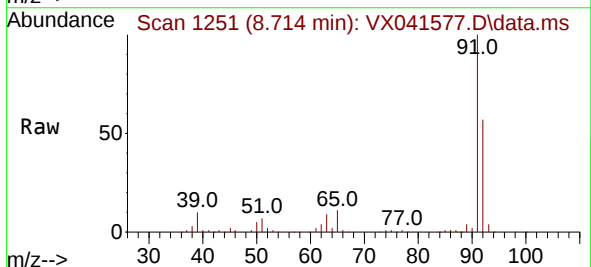
Manual Integrations

APPROVED

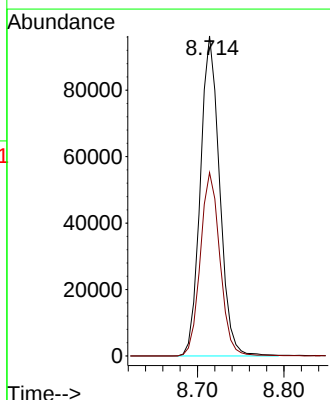
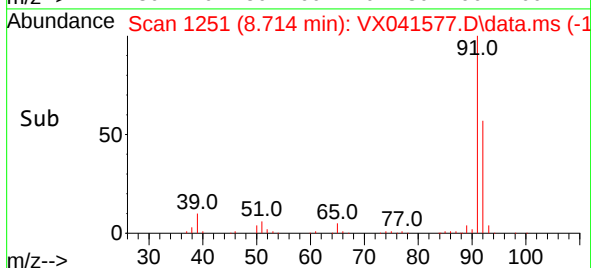
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

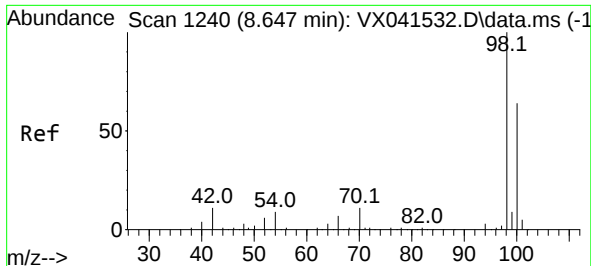


#62
Toluene
Concen: 19.523 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



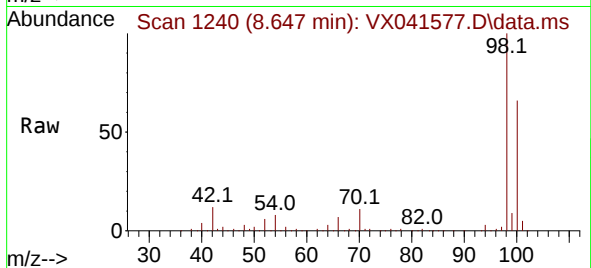
Tgt Ion: 91 Resp: 148951
Ion Ratio Lower Upper
91 100
92 58.2 47.0 70.6





#63
Toluene-d8
Concen: 29.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

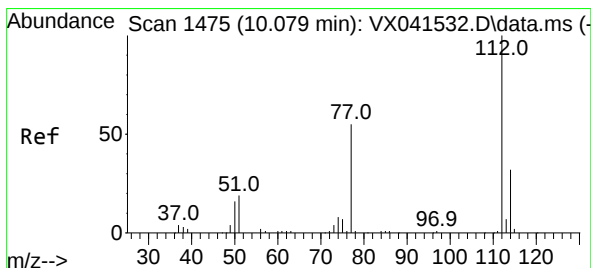
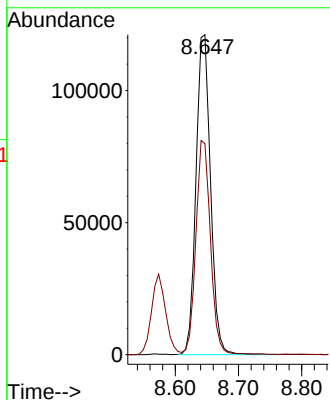
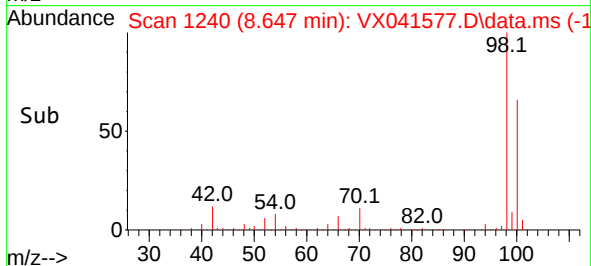
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



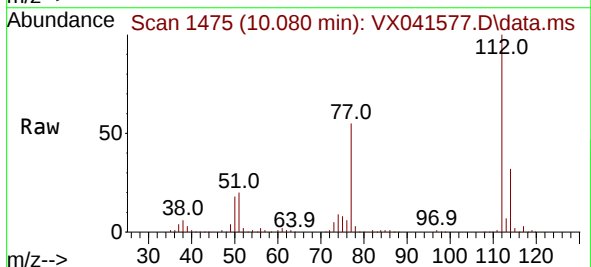
Tgt Ion: 98 Resp: 194640
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

Manual Integrations
APPROVED

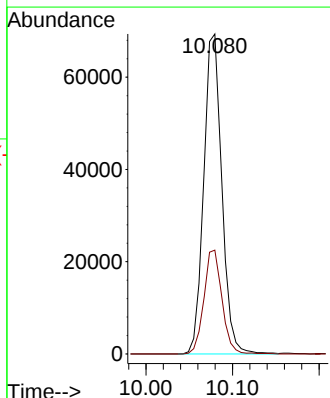
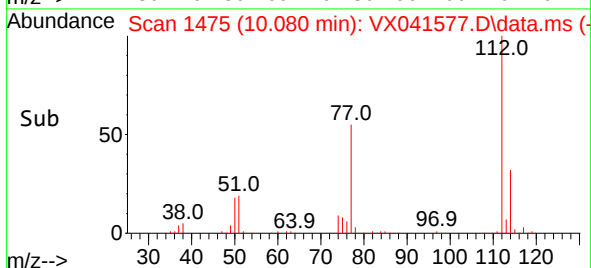
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

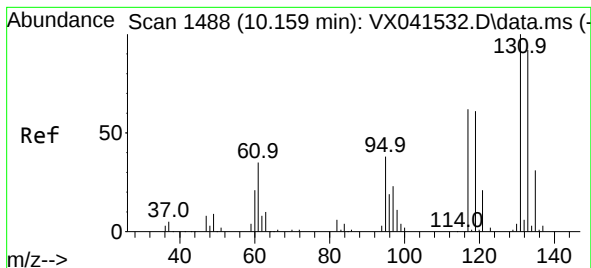


#64
Chlorobenzene
Concen: 19.446 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



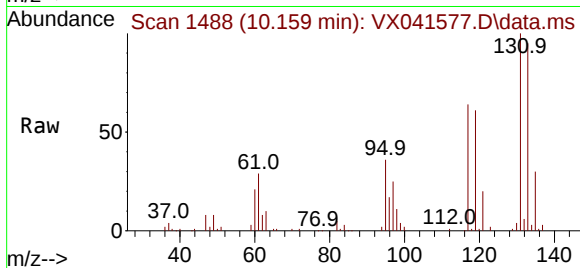
Tgt Ion:112 Resp: 100774
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.944 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

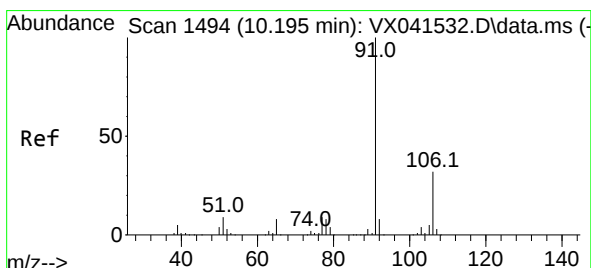
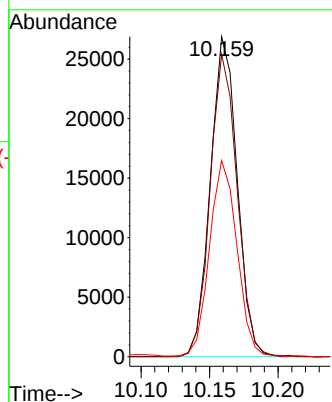
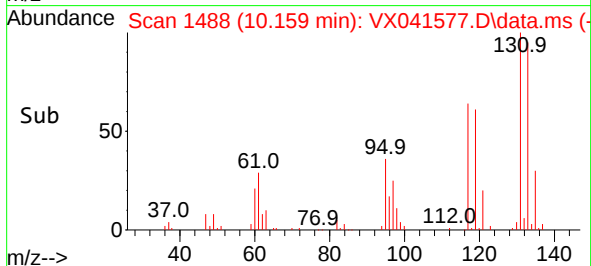
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 36582
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.6
119 62.7 0.0 126.4

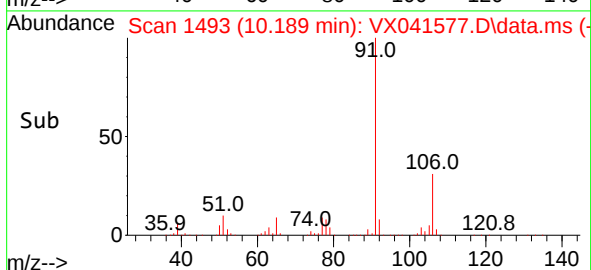
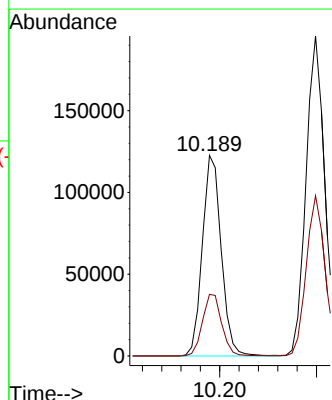
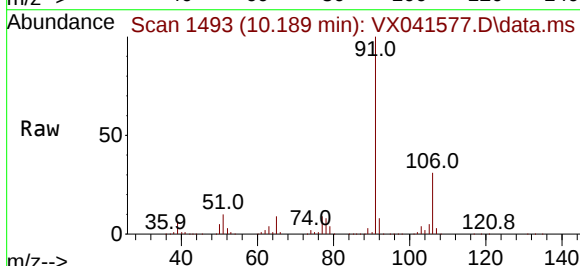
Manual Integrations
APPROVED

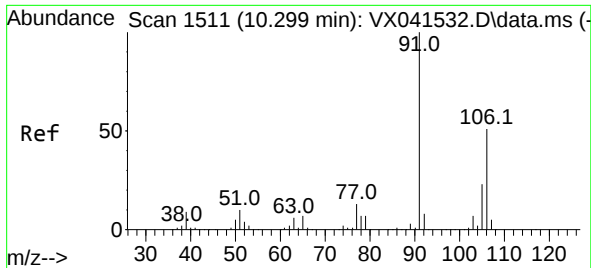
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#66
Ethyl Benzene
Concen: 19.685 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 91 Resp: 166770
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9





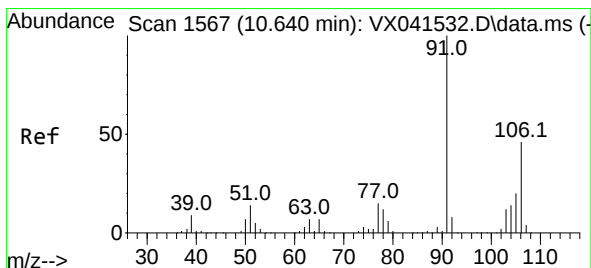
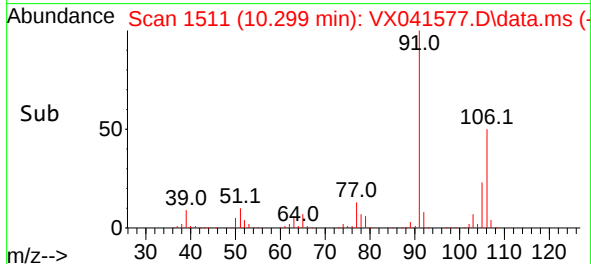
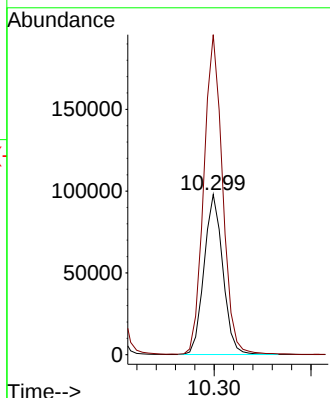
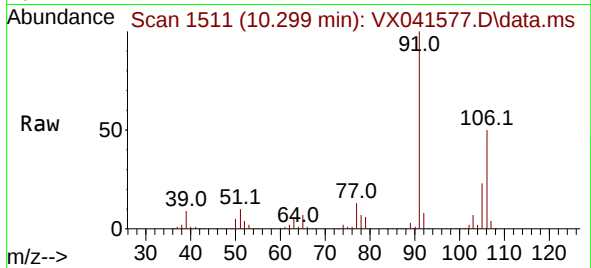
#67
m/p-Xylenes
Concen: 39.883 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 132120
Ion Ratio Lower Upper
106 100
91 200.8 156.5 234.7

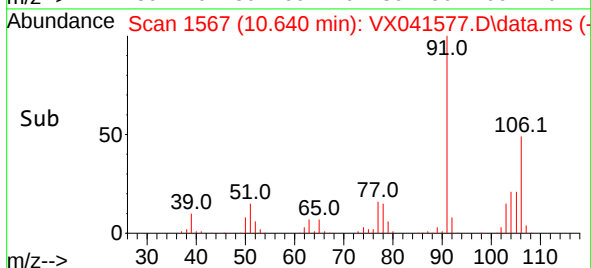
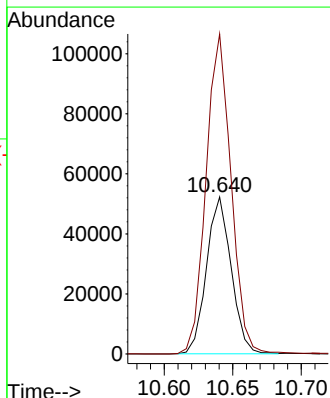
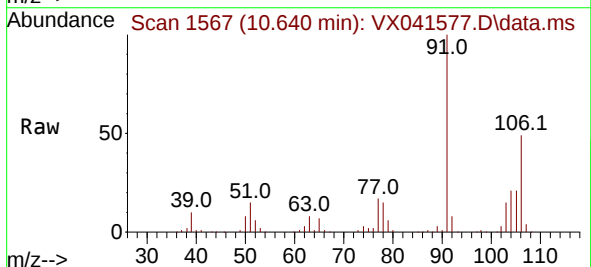
Manual Integrations
APPROVED

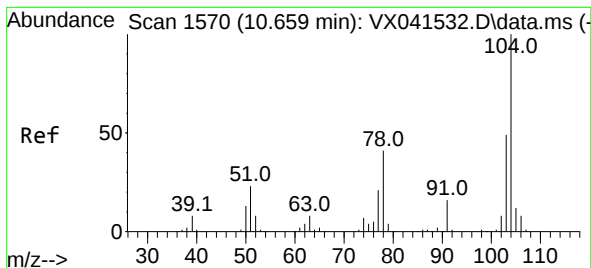
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#68
o-Xylene
Concen: 19.606 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:106 Resp: 65379
Ion Ratio Lower Upper
106 100
91 207.2 105.2 315.6





#69

Styrene

Concen: 19.654 ug/l

RT: 10.653 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 109890

Ion Ratio Lower Upper

104 100

78 48.6 39.3 58.9

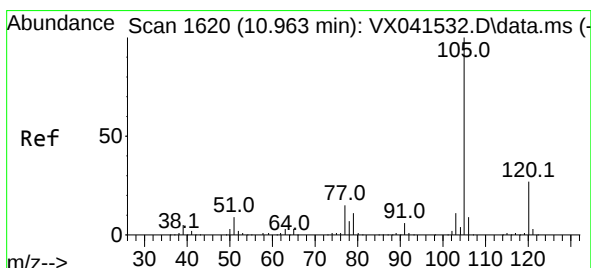
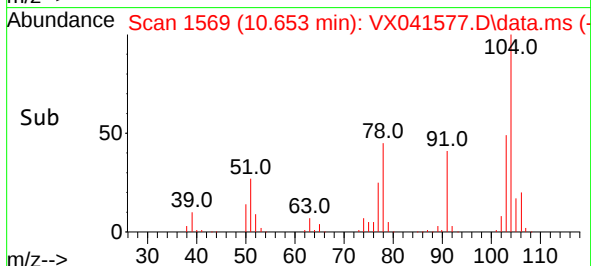
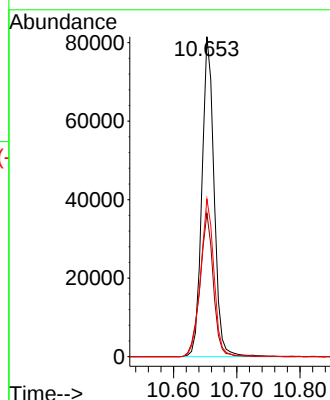
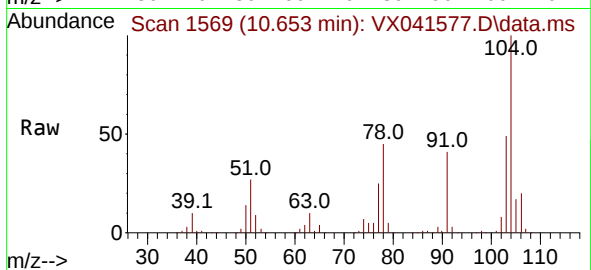
103 54.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#70

Isopropylbenzene

Concen: 20.069 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX041577.D

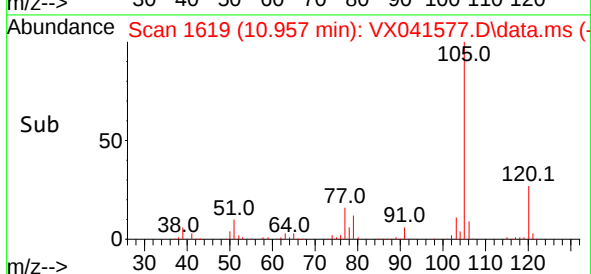
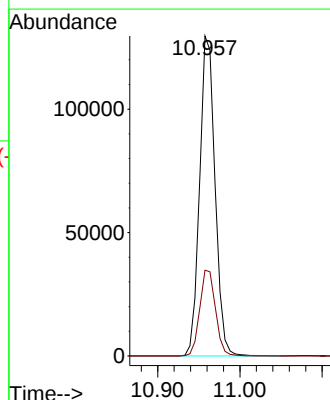
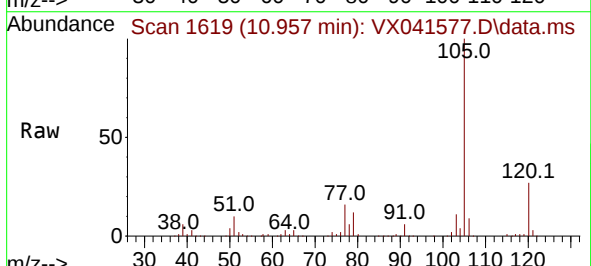
Acq: 21 May 2024 09:43

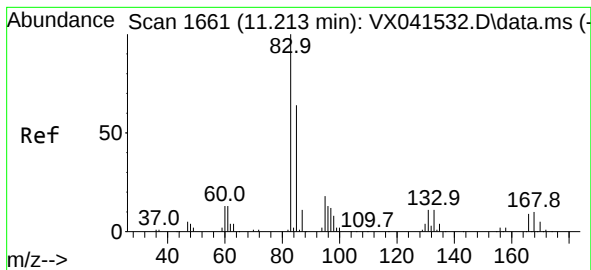
Tgt Ion:105 Resp: 169114

Ion Ratio Lower Upper

105 100

120 27.4 18.8 34.8





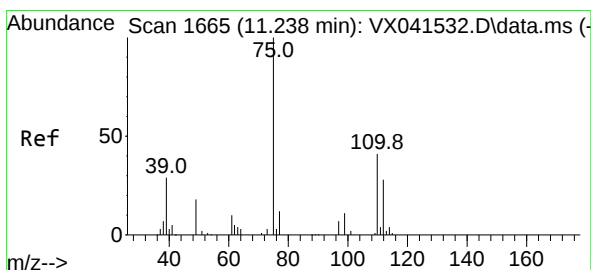
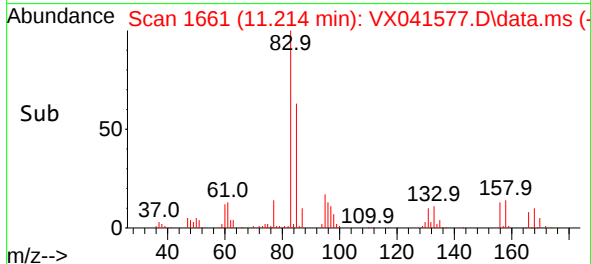
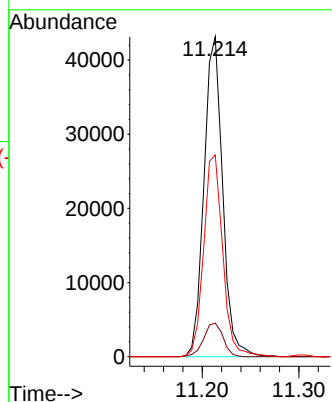
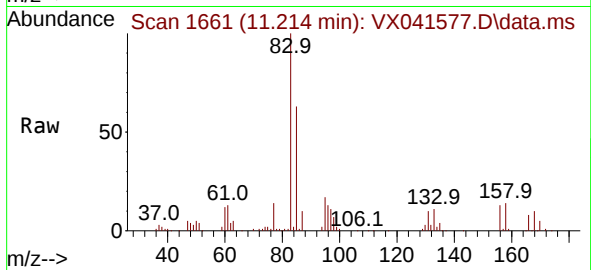
#71
1,1,2,2-Tetrachloroethane
Concen: 20.044 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5802
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.0
85 64.4 32.3 96.8

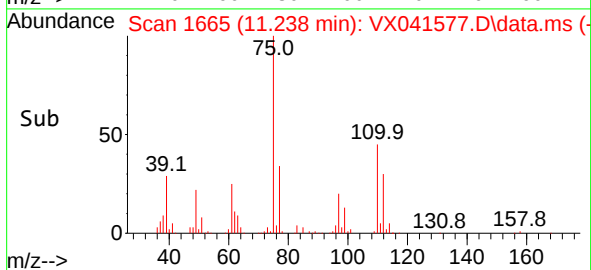
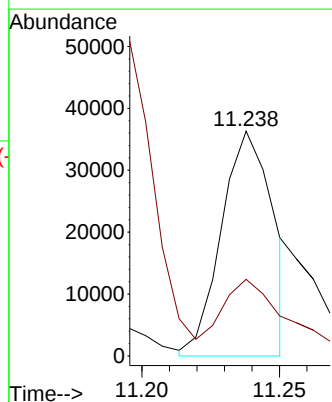
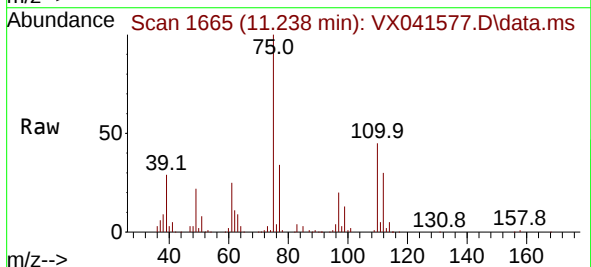
Manual Integrations
APPROVED

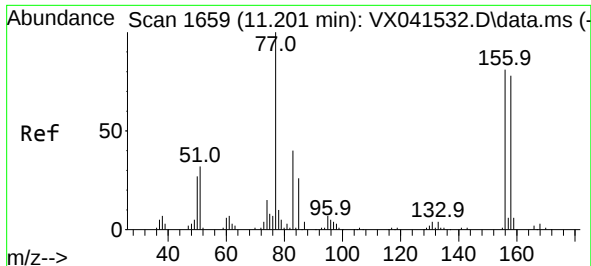
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#72
1,2,3-Trichloropropane
Concen: 18.154 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

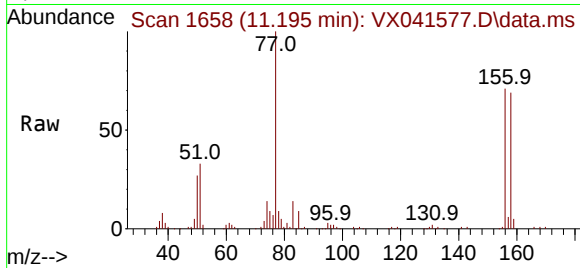
Tgt Ion: 75 Resp: 47393
Ion Ratio Lower Upper
75 100
77 43.6 0.0 78.8





#73
Bromobenzene
Concen: 18.882 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

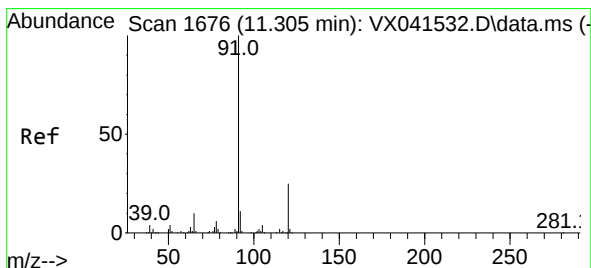
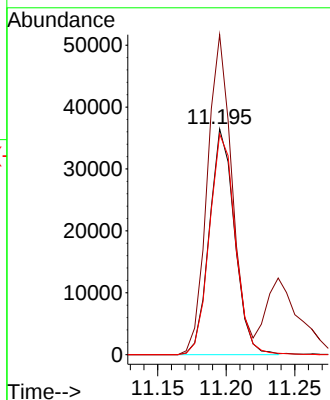
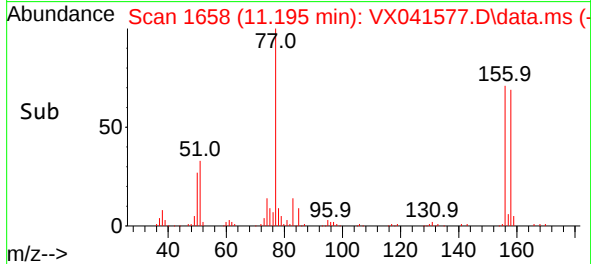
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



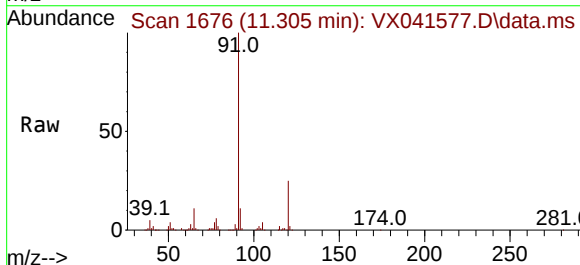
Tgt Ion:156 Resp: 46752
Ion Ratio Lower Upper
156 100
77 138.9 0.0 267.4
158 100.2 0.0 192.8

Manual Integrations
APPROVED

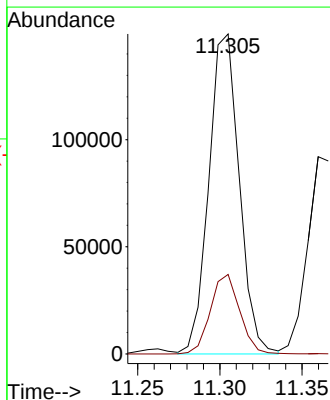
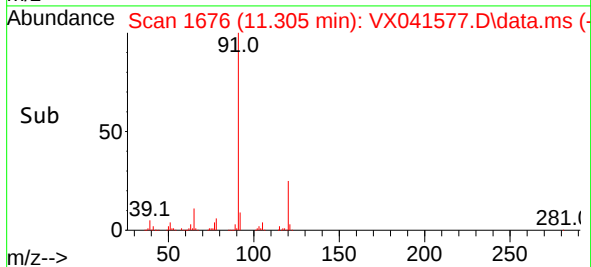
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

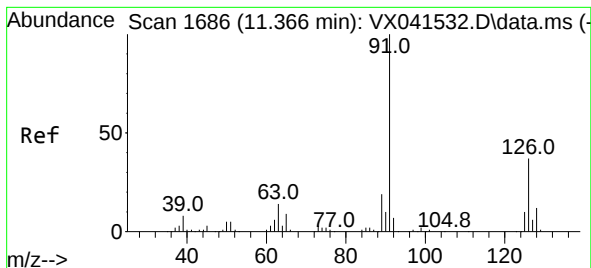


#74
n-propylbenzene
Concen: 20.218 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 91 Resp: 192104
Ion Ratio Lower Upper
91 100
120 24.0 0.0 48.4





#75

2-Chlorotoluene

Concen: 20.195 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 120499

Ion Ratio Lower Upper

91 100

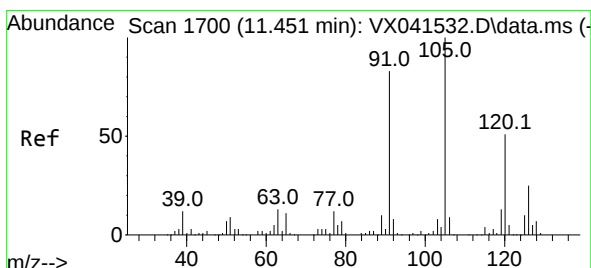
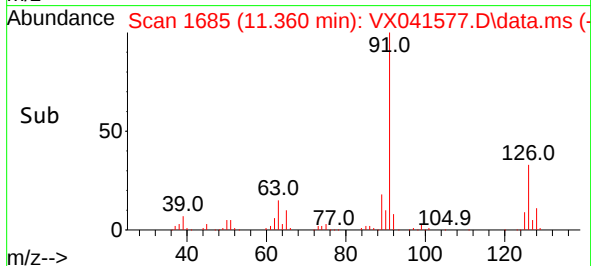
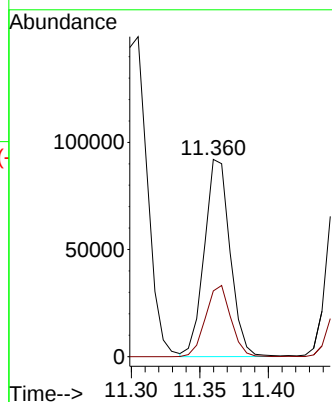
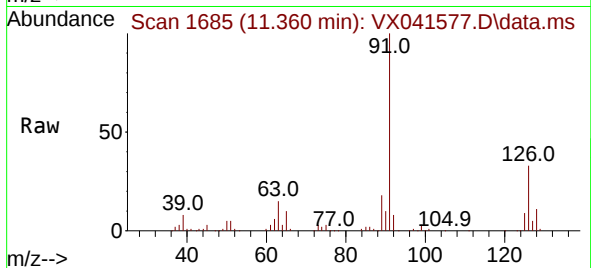
126 35.3 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.934 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041577.D

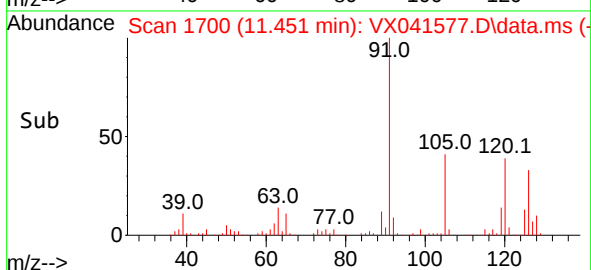
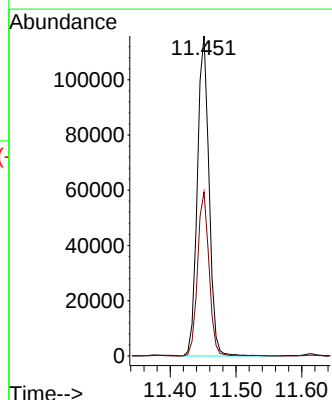
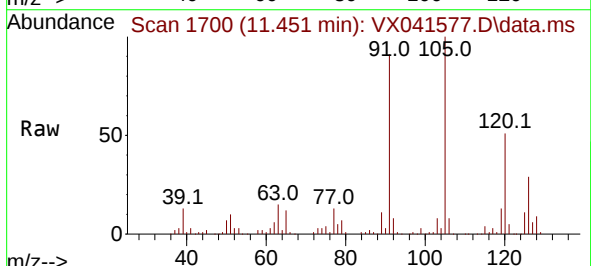
Acq: 21 May 2024 09:43

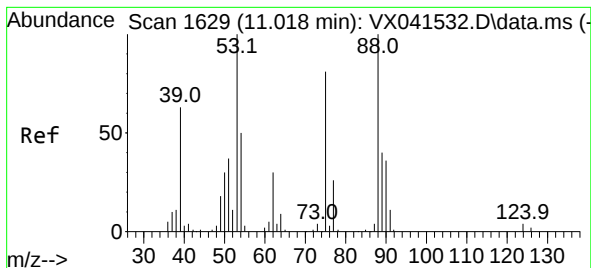
Tgt Ion:105 Resp: 143375

Ion Ratio Lower Upper

105 100

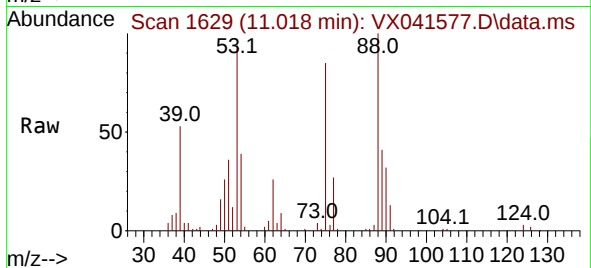
120 50.1 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.857 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

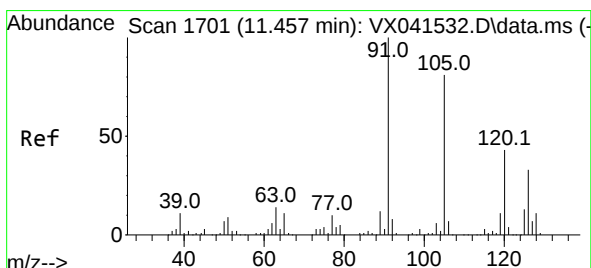
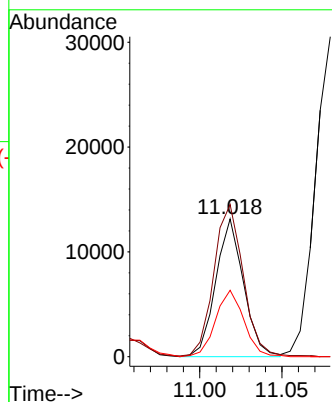
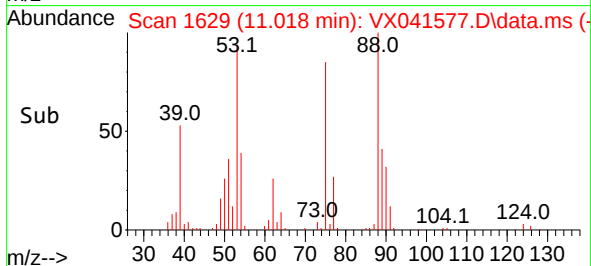
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1547
Ion Ratio Lower Upper
75 100
53 109.9 61.8 185.3
89 48.2 24.9 74.7

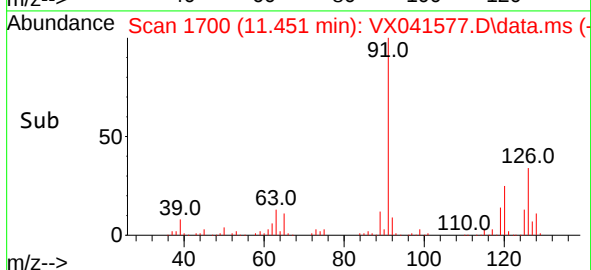
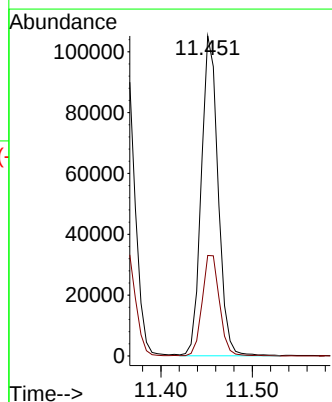
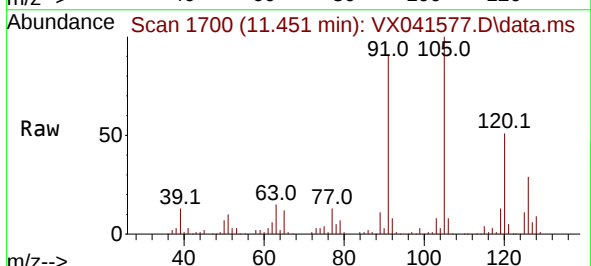
Manual Integrations
APPROVED

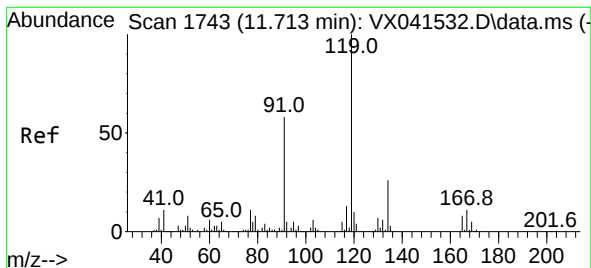
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#78
4-Chlorotoluene
Concen: 19.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

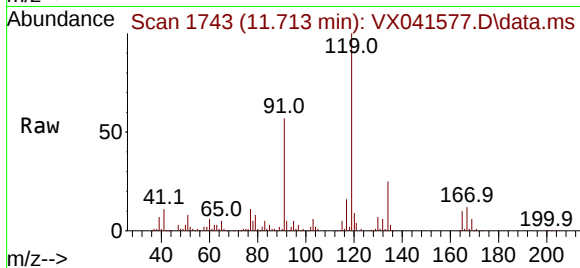
Tgt Ion: 91 Resp: 134047
Ion Ratio Lower Upper
91 100
126 32.5 0.0 62.2





#79
tert-butylbenzene
Concen: 19.625 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

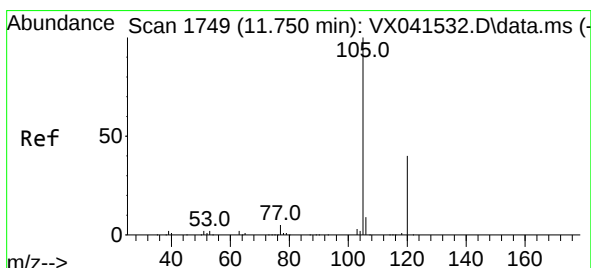
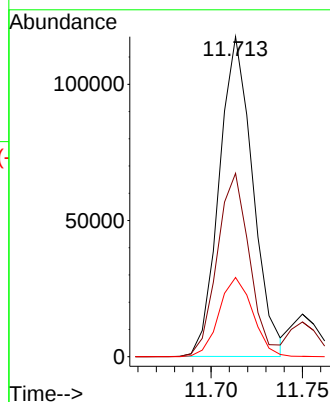
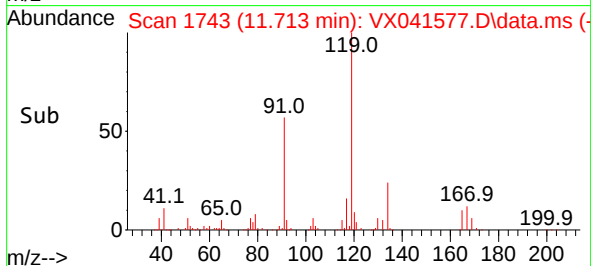
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 150220
Ion Ratio Lower Upper
119 100
91 55.3 0.0 110.0
134 24.9 0.0 50.0

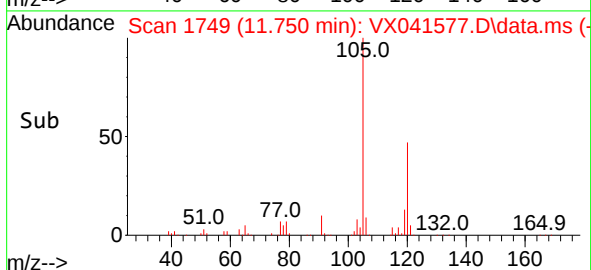
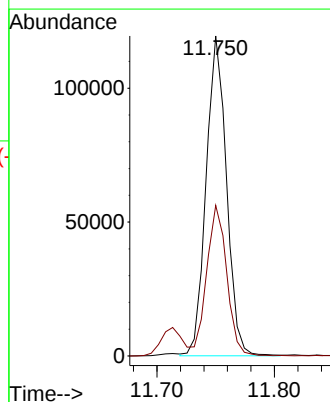
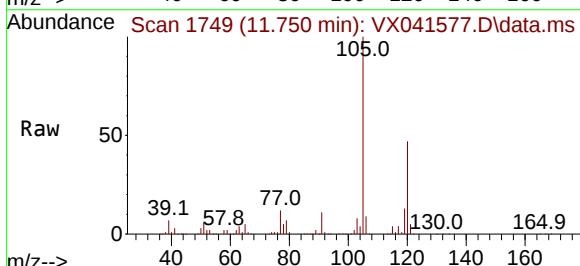
Manual Integrations
APPROVED

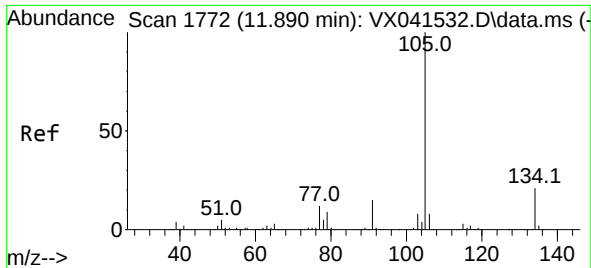
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.929 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

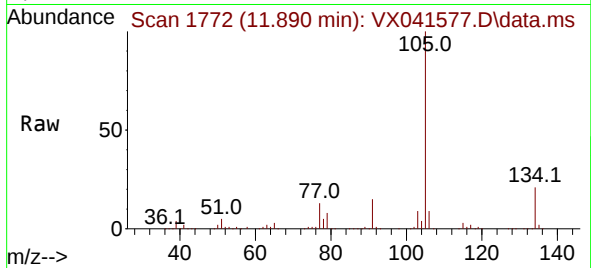
Tgt Ion:105 Resp: 143670
Ion Ratio Lower Upper
105 100
120 46.8 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 19.968 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

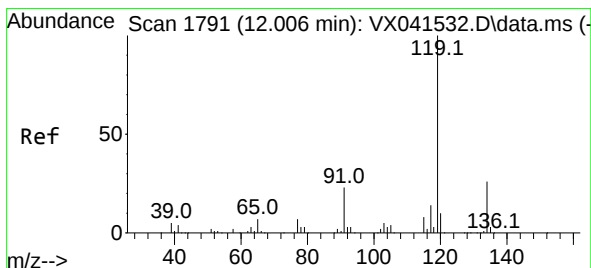
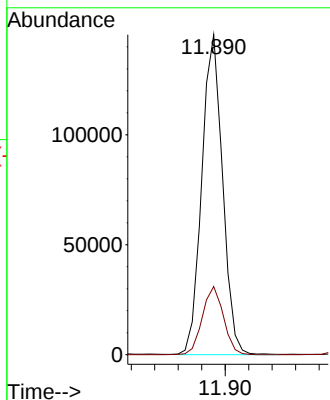
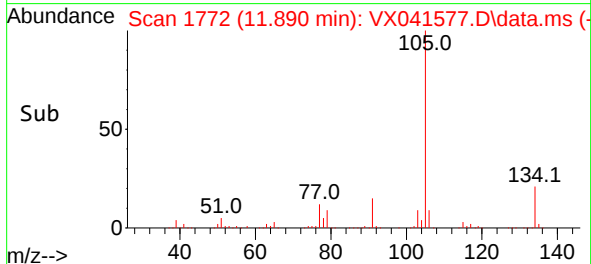
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



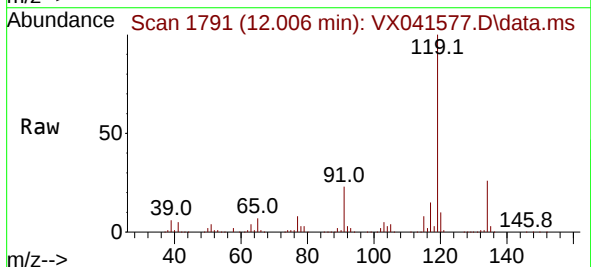
Tgt Ion:105 Resp: 178610
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.4

Manual Integrations
 APPROVED

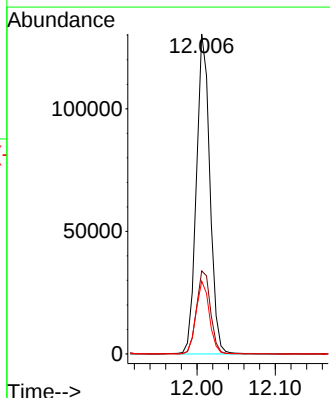
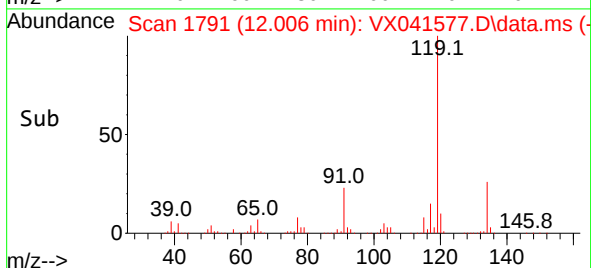
Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

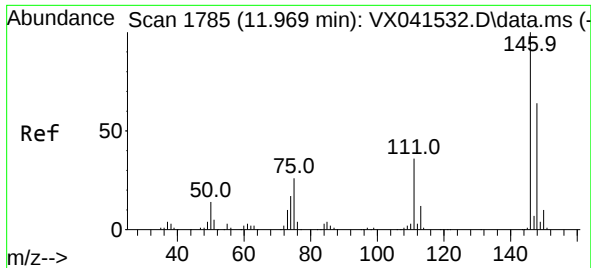


#82
 p-Isopropyltoluene
 Concen: 20.005 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43



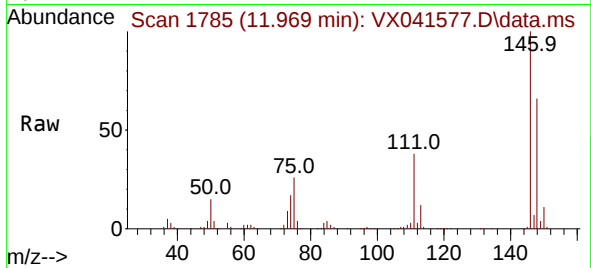
Tgt Ion:119 Resp: 156642
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.4
 91 22.7 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 19.750 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

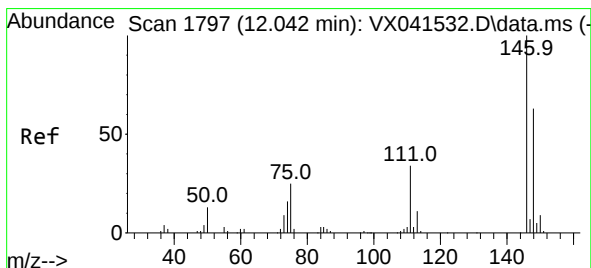
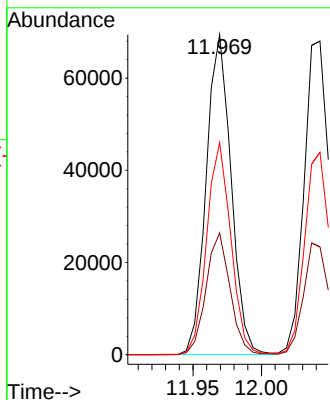
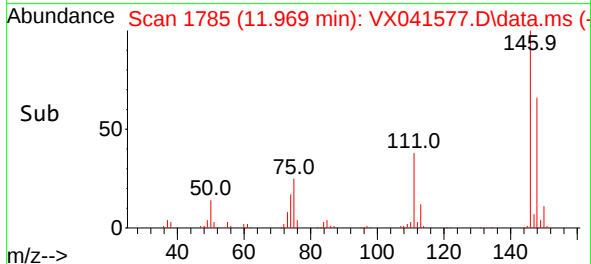
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



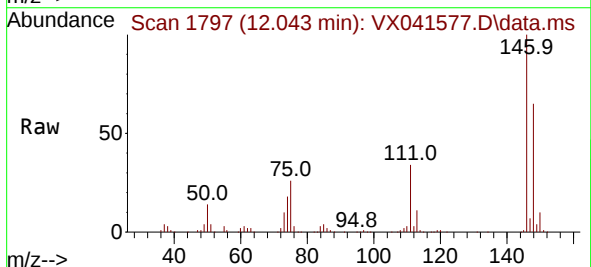
Tgt Ion:146 Resp: 87700
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 64.5 32.3 96.9

Manual Integrations
APPROVED

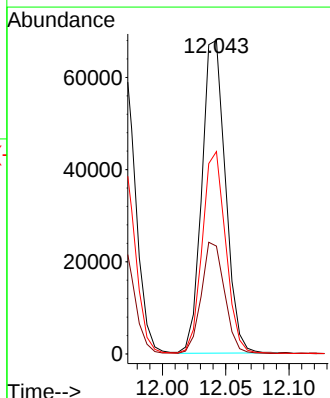
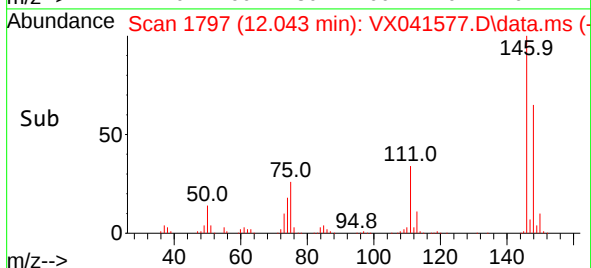
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

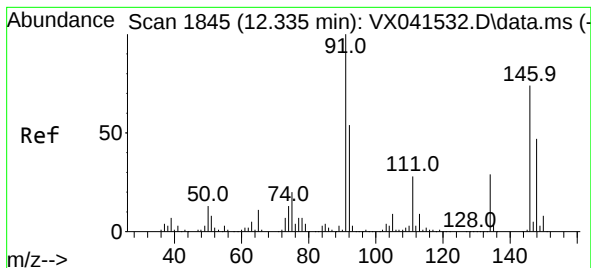


#84
1,4-Dichlorobenzene
Concen: 19.647 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion:146 Resp: 88153
Ion Ratio Lower Upper
146 100
111 35.2 17.8 53.5
148 64.2 31.9 95.5





#85

n-Butylbenzene

Concen: 19.815 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

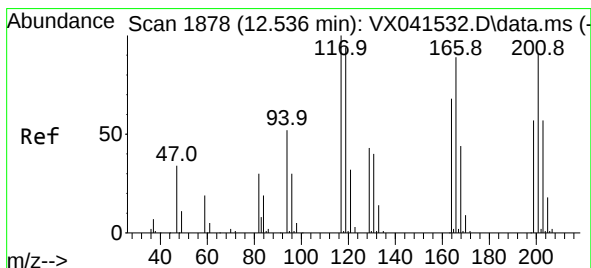
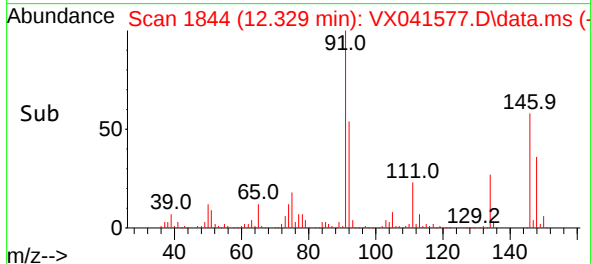
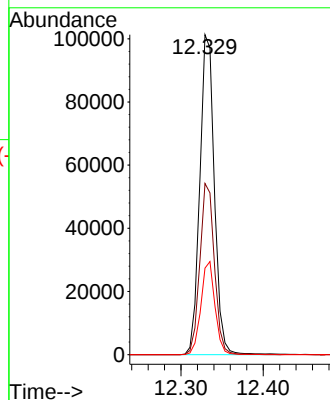
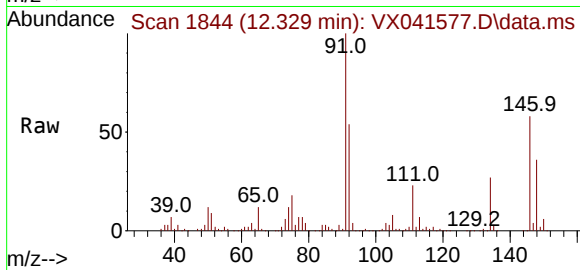
Tgt Ion: 91 Resp: 12485

Ion	Ratio	Lower	Upper
91	100		
92	53.5	0.0	108.4
134	28.2	0.0	56.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#86

Hexachloroethane

Concen: 19.445 ug/l

RT: 12.536 min Scan# 1878

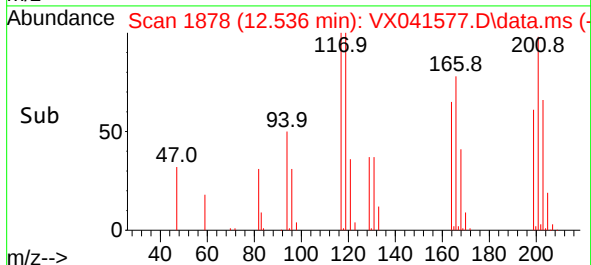
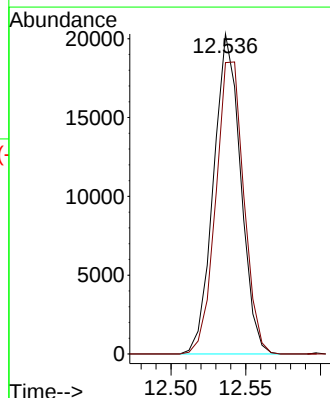
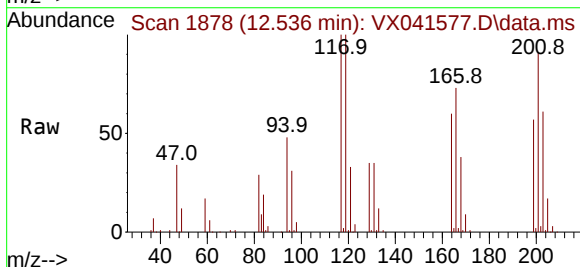
Delta R.T. 0.000 min

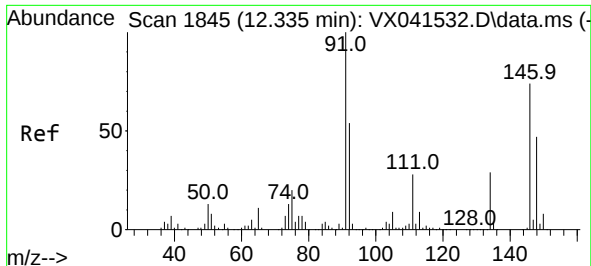
Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion:117 Resp: 25634

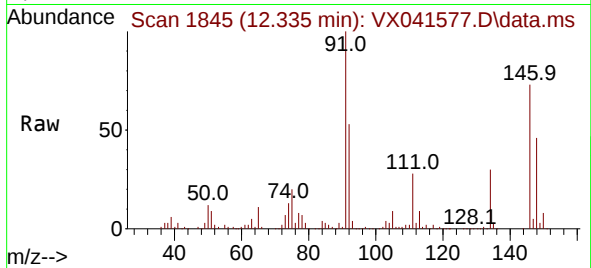
Ion	Ratio	Lower	Upper
117	100		
201	94.4	47.3	141.8





#87
1,2-Dichlorobenzene
Concen: 19.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

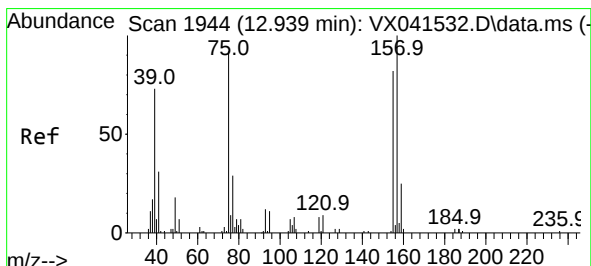
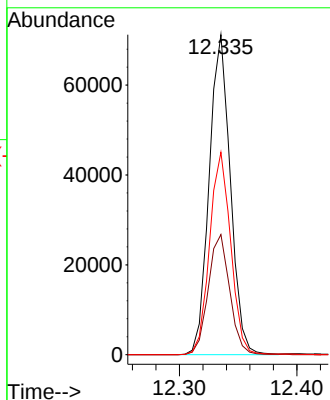
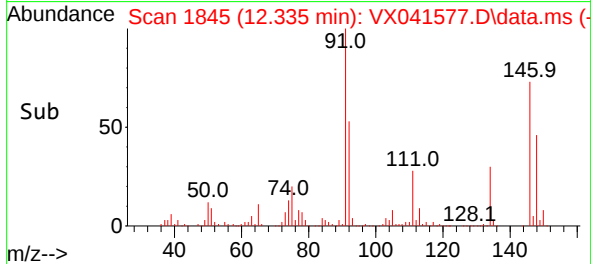
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



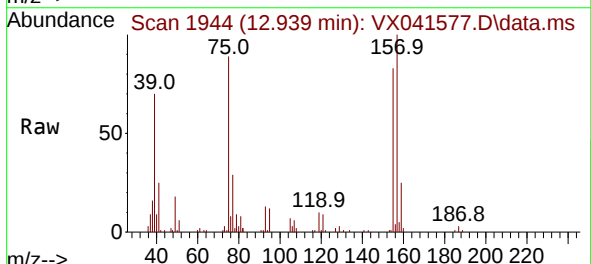
Tgt Ion:146 Resp: 8931
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.9
148 63.1 31.8 95.4

Manual Integrations
APPROVED

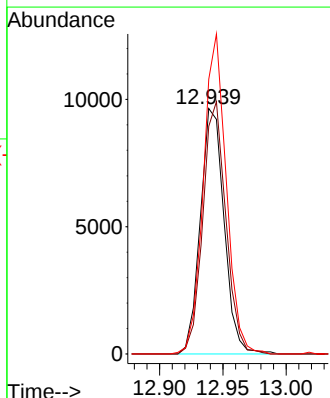
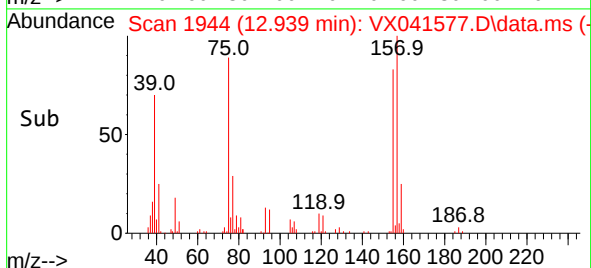
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

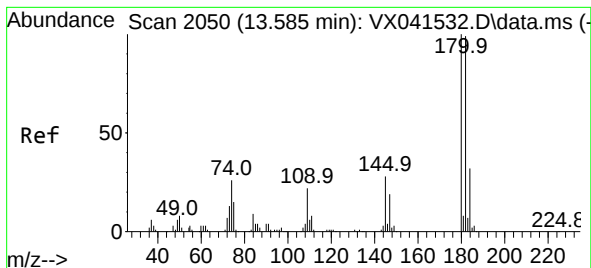


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.853 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 75 Resp: 12621
Ion Ratio Lower Upper
75 100
155 99.8 80.4 120.6
157 125.5 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 19.781 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

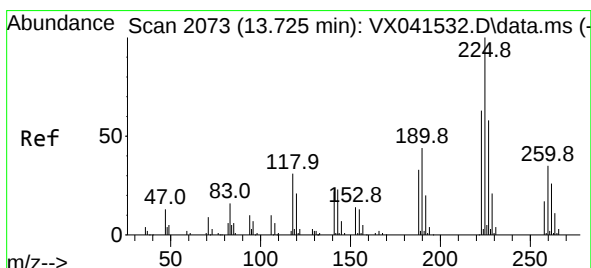
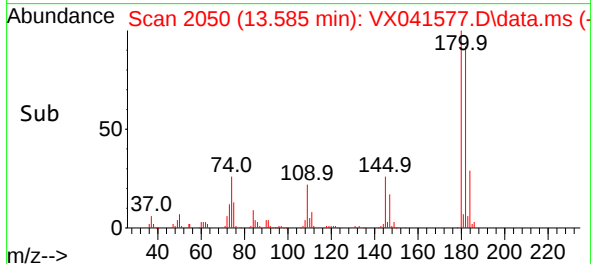
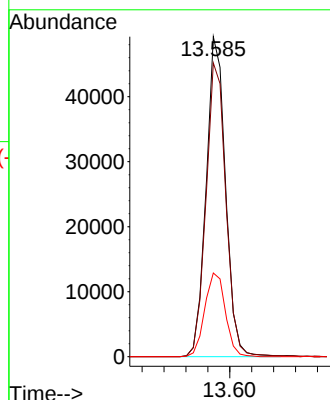
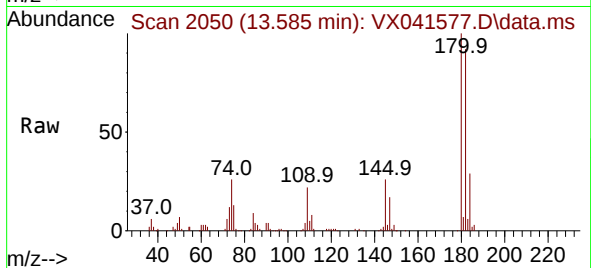
VSTDCCC020

Tgt Ion:180	Resp:	60239
Ion Ratio	Lower	Upper
180	100	
182	94.6	77.0 115.4
145	27.8	22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#90

Hexachlorobutadiene

Concen: 20.354 ug/l

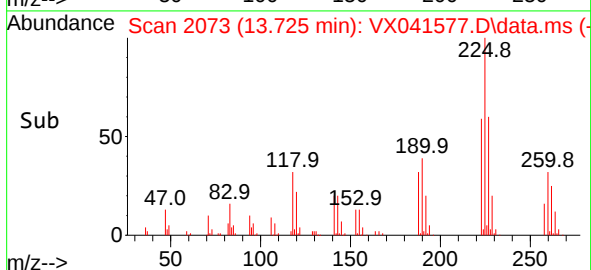
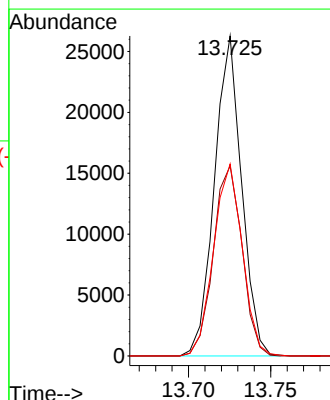
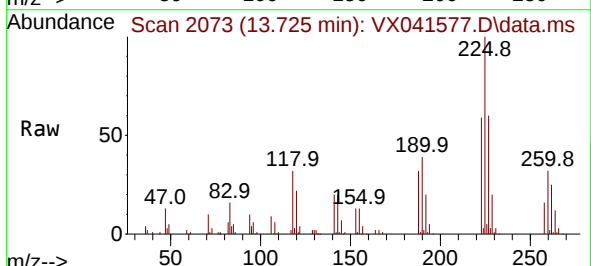
RT: 13.725 min Scan# 2073

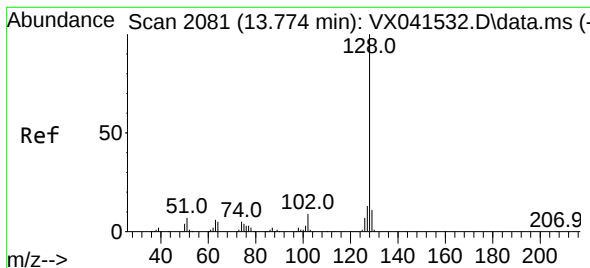
Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

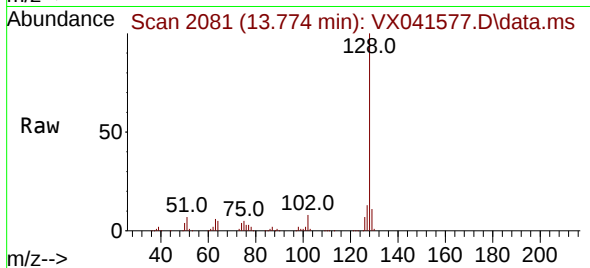
Tgt Ion:225	Resp:	30240
Ion Ratio	Lower	Upper
225	100	
223	62.7	0.0 125.8
227	63.3	0.0 125.6





#91
Naphthalene
Concen: 19.516 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

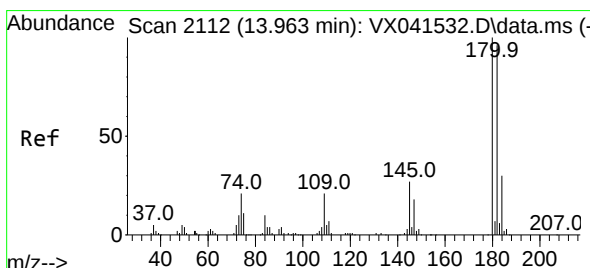
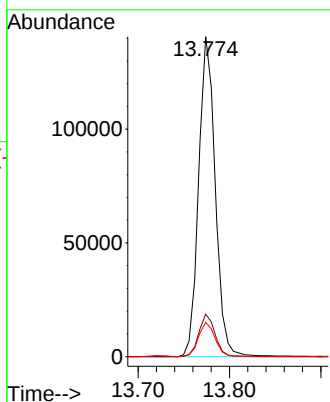
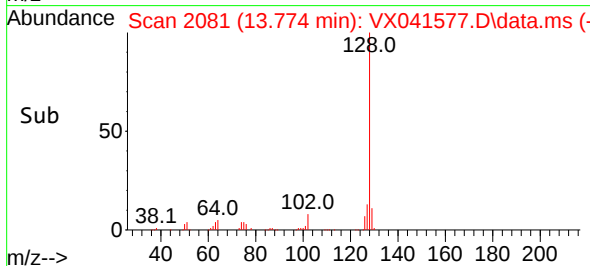
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 17763
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.776 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:180 Resp: 61530
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 29.0 0.0 58.6

