

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041586.D
 Acq On : 21 May 2024 16:53
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

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

Quant Time: May 22 02:55:00 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	27829	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	156623	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146691	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	65827	30.037	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.133%			
60) 4-Bromofluorobenzene	11.079	95	70099	30.612	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.033%			
63) Toluene-d8	8.647	98	186183	29.609	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29691	20.398	ug/l	98
3) Chloromethane	1.301	50	32586	20.444	ug/l	98
4) Vinyl Chloride	1.374	62	34022	20.273	ug/l	99
5) Bromomethane	1.593	94	20736	19.427	ug/l	99
6) Chloroethane	1.666	64	19997	23.569	ug/l	92
7) Trichlorofluoromethane	1.867	101	55192	21.667	ug/l	95
8) Diethyl Ether	2.136	74	21790	22.907	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	32596	22.067	ug/l	100
10) 1,1-Dichloroethene	2.306	96	30813	21.641	ug/l	98
11) Methyl Iodide	2.441	142	35735	21.072	ug/l	99
12) Methyl Acetate	2.703	43	49167	22.929	ug/l	96
13) Acrolein	2.239	56	27880	106.799	ug/l	97
14) Acrylonitrile	3.068	53	99088	105.101	ug/l	99
15) Acetone	2.386	58	29007	114.832	ug/l	99
16) Carbon Disulfide	2.502	76	65929	20.509	ug/l	99
17) Allyl chloride	2.654	41	53833	21.305	ug/l	99
18) Methylene Chloride	2.782	84	36629	21.630	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	32181	19.711	ug/l	99
20) Diisopropyl ether	3.763	45	109867	20.695	ug/l	91
21) 1,1-Dichloroethane	3.605	63	61916	20.781	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	40321	20.324	ug/l	98
23) tert-Butyl Alcohol	2.995	59	40457	101.120	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	109673	20.632	ug/l	100
25) Chloroform	5.086	83	65629	20.676	ug/l	97
26) Cyclohexane	5.458	56	48269	19.427	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	41993	20.269	ug/l	100
30) 2-Butanone	4.562	43	148183	107.755	ug/l	99
31) 2,2-Dichloropropane	4.465	77	49986	20.557	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56671	20.385	ug/l	99
33) Carbon Tetrachloride	5.666	117	49692	20.891	ug/l	97
34) Benzene	6.025	78	133658	20.427	ug/l	98
35) Methacrylonitrile	4.916	41	29856	21.522	ug/l	95
36) 1,2-Dichloroethane	6.080	62	51470	21.080	ug/l	100
37) Trichloroethene	7.117	130	36588	20.069	ug/l	100
38) Methylcyclohexane	7.373	83	52494	19.955	ug/l	100
39) 1,2-Dichloropropane	7.427	63	31490	20.359	ug/l	98
40) Dibromomethane	7.580	93	25127	20.641	ug/l	100
41) Bromodichloromethane	7.818	83	47570	20.815	ug/l	99
42) Vinyl Acetate	3.721	43	501240	105.054	ug/l	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

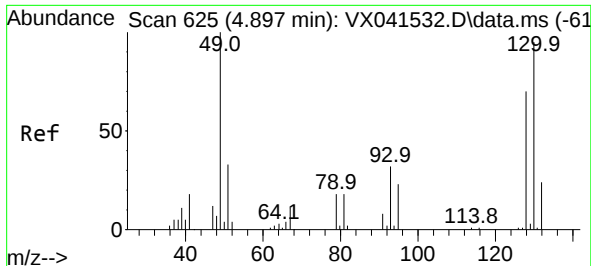
Manual Integrations
 APPROVED

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

Quant Time: May 22 02:55:00 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

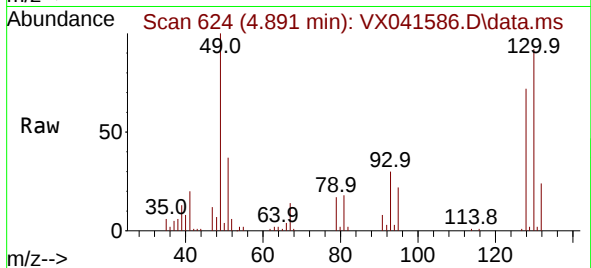
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	56203	21.181	ug/l	# 76
44) Isopropyl Acetate	6.342	43	83460	20.808	ug/l	99
45) 1,4-Dioxane	7.665	88	17581m	388.663	ug/l	
46) Methyl methacrylate	7.690	41	42524	21.308	ug/l	96
47) n-amyl Acetate	10.841	43	74802	20.565	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	46745	20.367	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	50868	20.463	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	35472	20.947	ug/l	96
51) Ethyl methacrylate	9.116	69	55568	20.386	ug/l	94
52) 1,3-Dichloropropane	9.305	76	60273	21.539	ug/l	100
53) Dibromochloromethane	9.519	129	41153	21.358	ug/l	99
54) 1,2-Dibromoethane	9.610	107	38794	21.603	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	118602	89.144	ug/l	100
56) Bromoform	10.799	173	32184	20.849	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	295544	110.267	ug/l	99
59) 2-Hexanone	9.433	43	231406	108.376	ug/l	100
61) Tetrachloroethene	9.269	164	36108	20.119	ug/l	94
62) Toluene	8.714	91	149511	20.483	ug/l	100
64) Chlorobenzene	10.079	112	102686	20.712	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	36617	20.866	ug/l	99
66) Ethyl Benzene	10.189	91	165779	20.453	ug/l	99
67) m/p-Xylenes	10.299	106	133056	41.981	ug/l	98
68) o-Xylene	10.640	106	66291	20.779	ug/l	99
69) Styrene	10.652	104	111781	20.897	ug/l	100
70) Isopropylbenzene	10.963	105	171033	21.216	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	59677	21.549	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	49122m	19.668	ug/l	
73) Bromobenzene	11.195	156	49192	20.767	ug/l	99
74) n-propylbenzene	11.305	91	189778	20.877	ug/l	100
75) 2-Chlorotoluene	11.366	91	120540	21.116	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	142808	20.754	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	16185	20.618	ug/l	91
78) 4-Chlorotoluene	11.451	91	135715	20.874	ug/l	98
79) tert-butylbenzene	11.713	119	152925	20.881	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	145096	21.038	ug/l	100
81) sec-Butylbenzene	11.890	105	178586	20.868	ug/l	99
82) p-Isopropyltoluene	12.006	119	155659	20.779	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	87956	20.704	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	88550	20.629	ug/l	99
85) n-Butylbenzene	12.329	91	119880	19.887	ug/l	98
86) Hexachloroethane	12.536	117	24858	19.709	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	90037	20.765	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12938	21.273	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	60555	20.784	ug/l	100
90) Hexachlorobutadiene	13.725	225	30114	21.186	ug/l	99
91) Naphthalene	13.774	128	188907	21.694	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	64088	21.530	ug/l	99

(#) = 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: VX041586.D
Acq: 21 May 2024 16:53

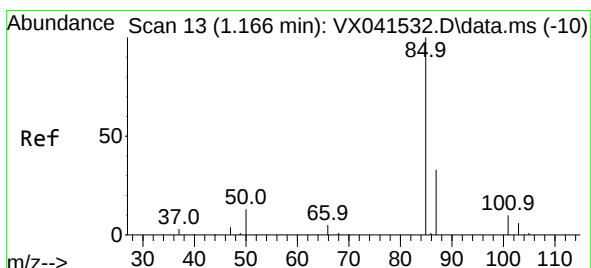
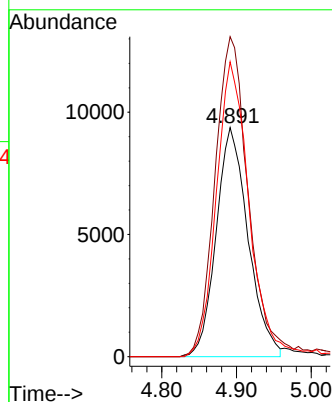
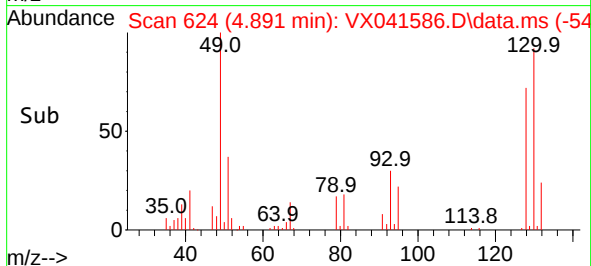
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 27829
Ion Ratio Lower Upper
128 100
49 145.5 0.0 361.5
130 132.3 0.0 324.3

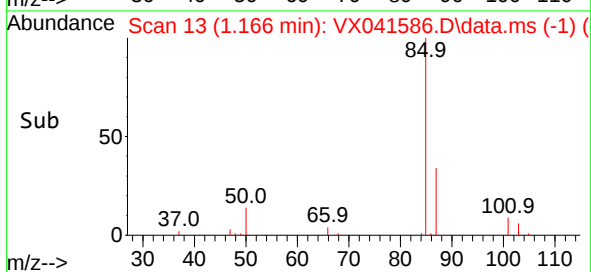
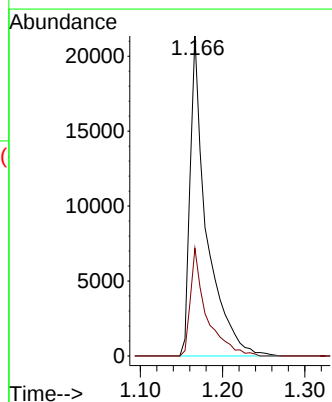
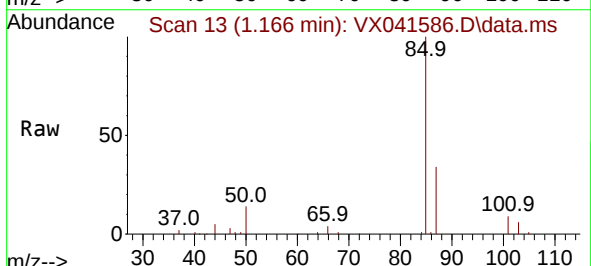
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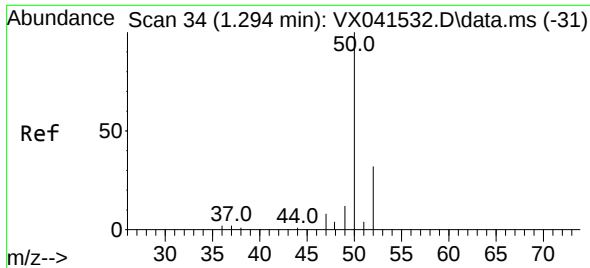
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#2
Dichlorodifluoromethane
Concen: 20.398 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 85 Resp: 29691
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.1





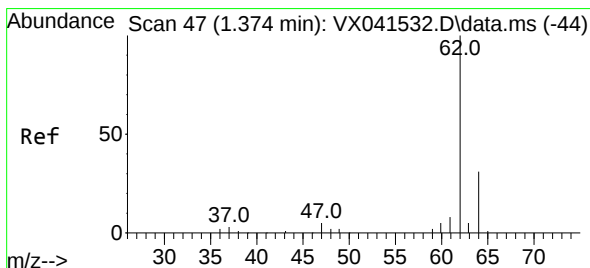
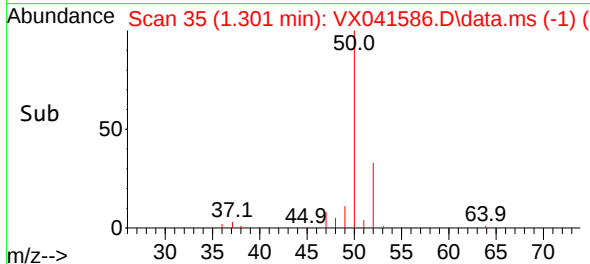
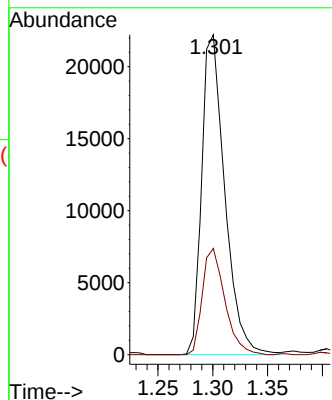
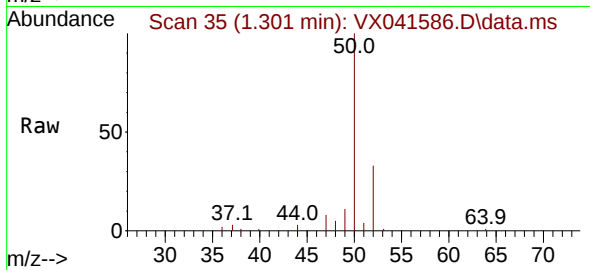
#3
Chloromethane
Concen: 20.444 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 32580
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8

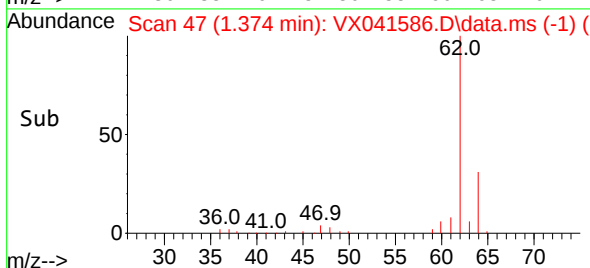
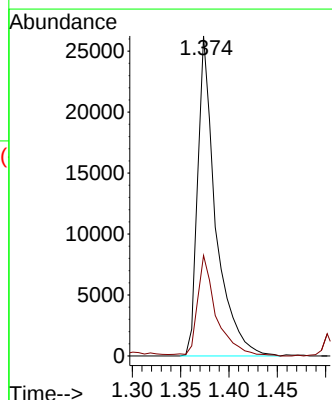
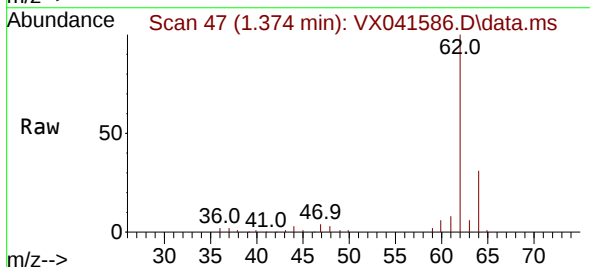
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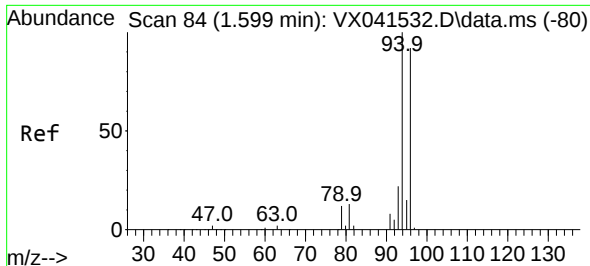
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#4
Vinyl Chloride
Concen: 20.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

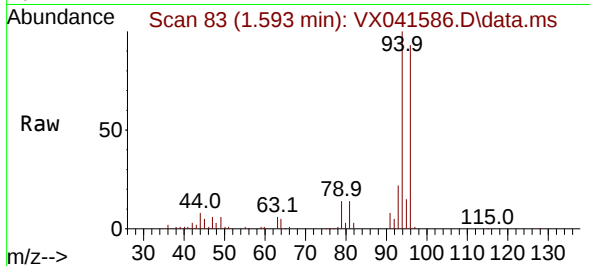
Tgt Ion: 62 Resp: 34022
Ion Ratio Lower Upper
62 100
64 31.4 24.6 37.0





#5
Bromomethane
Concen: 19.427 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

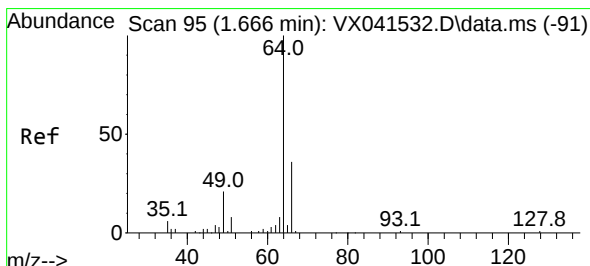
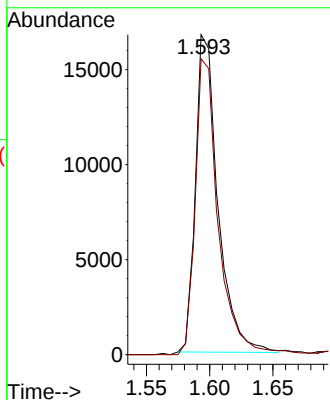
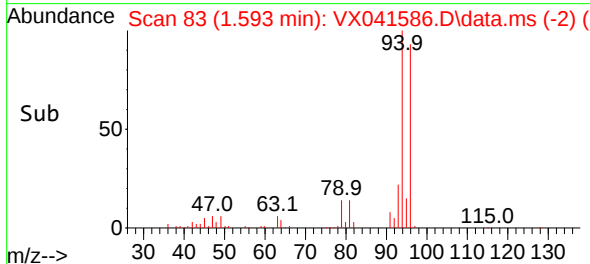
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 20730
Ion Ratio Lower Upper
94 100
96 93.3 73.9 110.9

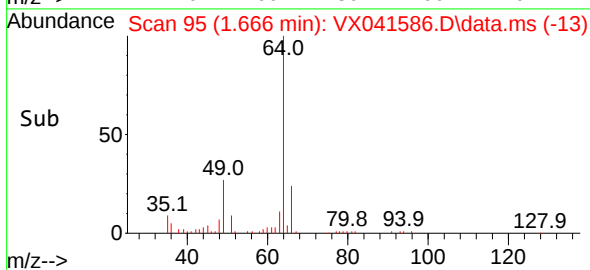
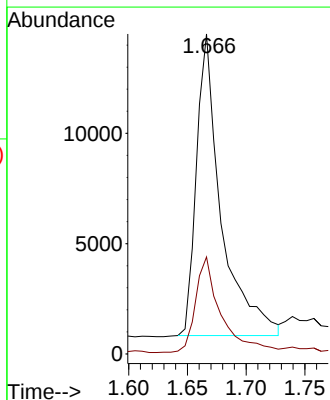
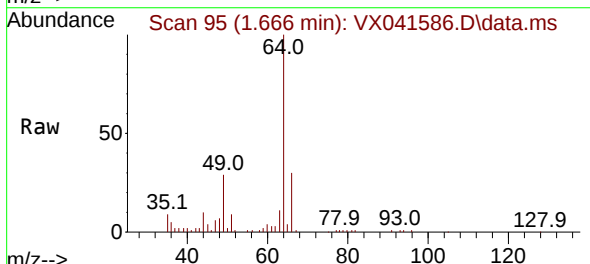
Manual Integrations
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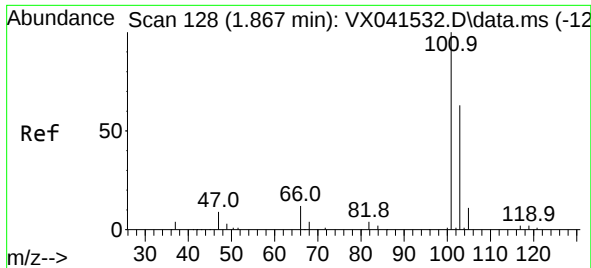
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#6
Chloroethane
Concen: 23.569 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

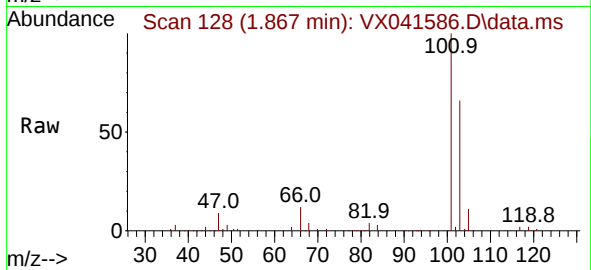
Tgt Ion: 64 Resp: 19997
Ion Ratio Lower Upper
64 100
66 31.2 28.6 42.8





#7
Trichlorofluoromethane
Concen: 21.667 ug/l
RT: 1.867 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

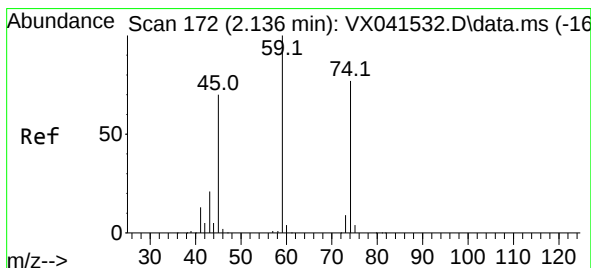
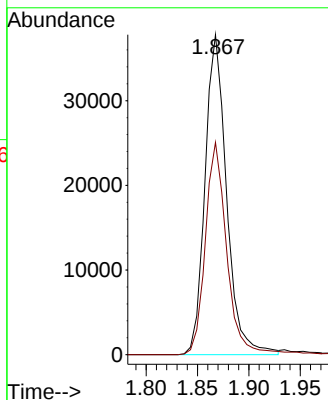
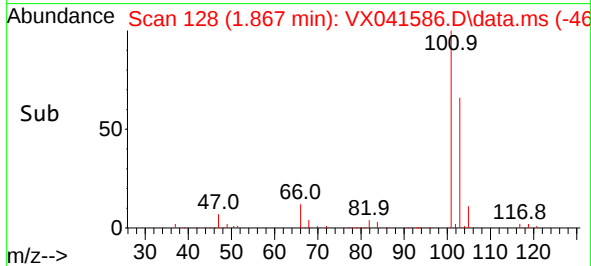
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



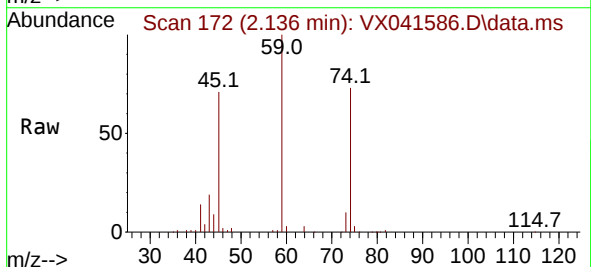
Tgt Ion:101 Resp: 5519
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1

Manual Integrations
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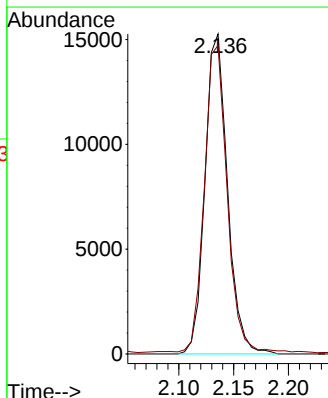
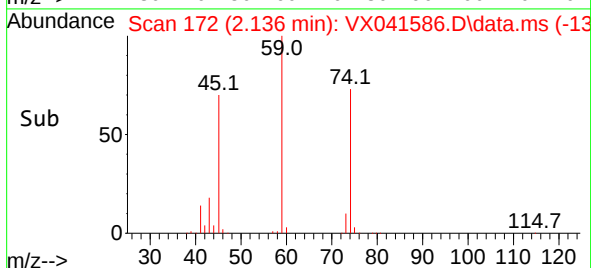
Reviewed By :Mahesh Dadoda 05/22/2024
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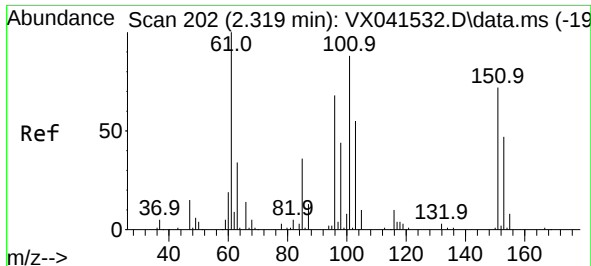


#8
Diethyl Ether
Concen: 22.907 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



Tgt Ion: 74 Resp: 21790
Ion Ratio Lower Upper
74 100
45 95.9 18.6 167.4





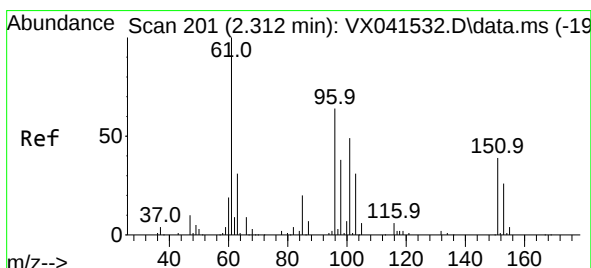
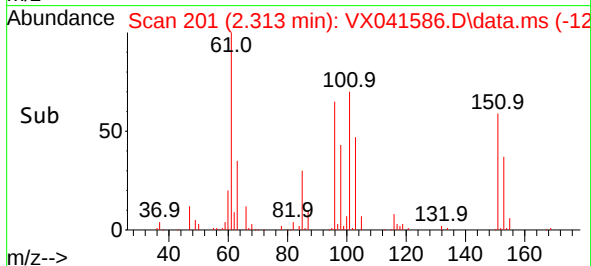
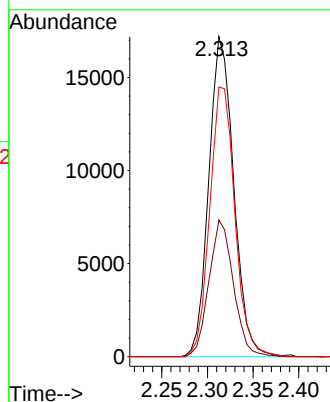
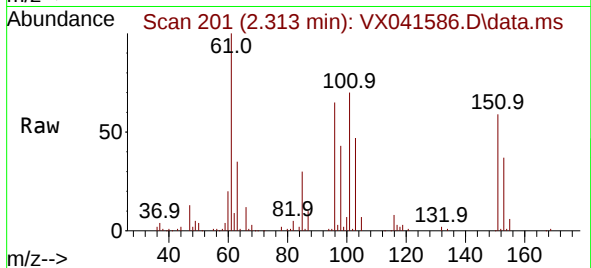
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.067 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 32590
Ion Ratio Lower Upper
101 100
85 41.9 0.0 84.6
151 85.0 0.0 170.2

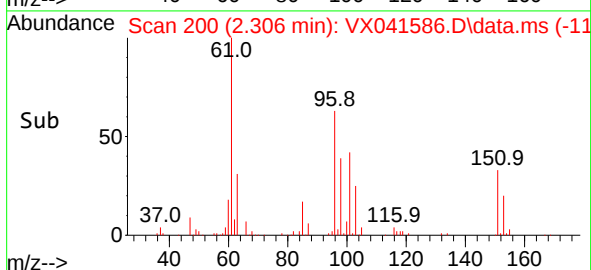
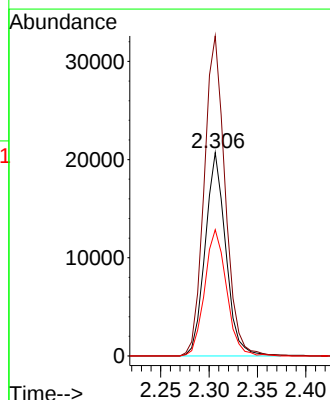
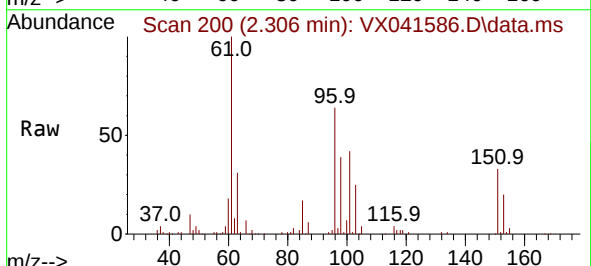
Manual Integrations
APPROVED

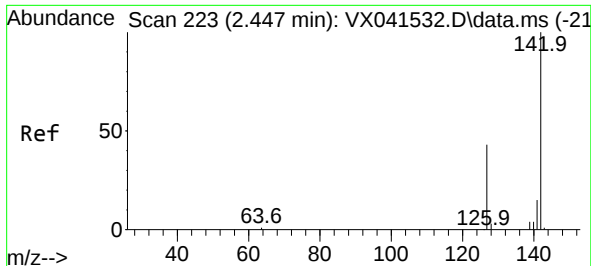
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#10
1,1-Dichloroethene
Concen: 21.641 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

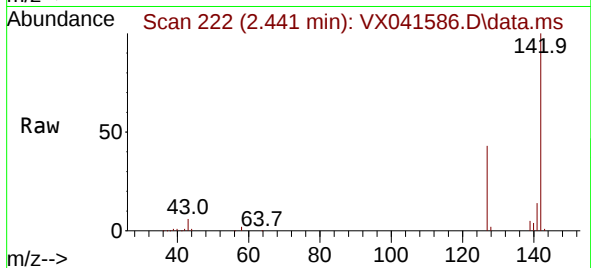
Tgt Ion: 96 Resp: 30813
Ion Ratio Lower Upper
96 100
61 157.3 124.5 186.7
98 62.1 47.9 71.9





#11
Methyl Iodide
Concen: 21.072 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

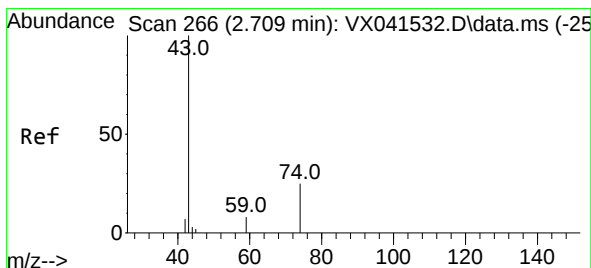
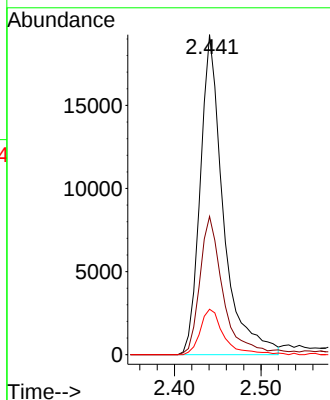
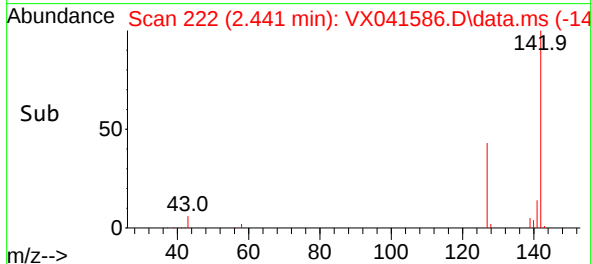
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 35738
Ion Ratio Lower Upper
142 100
127 43.0 21.4 64.2
141 14.1 7.6 22.8

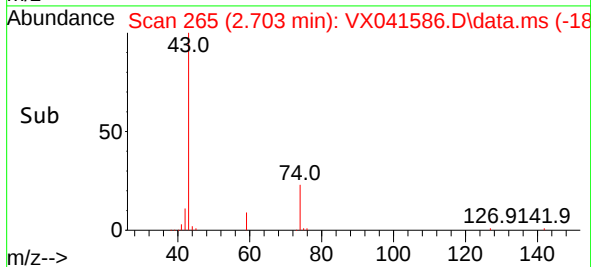
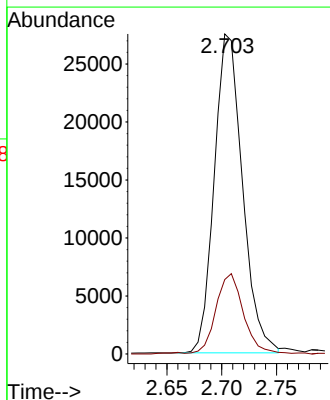
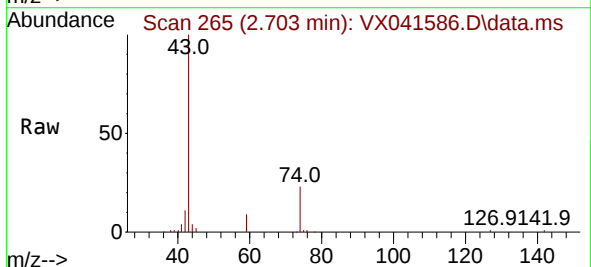
Manual Integrations
APPROVED

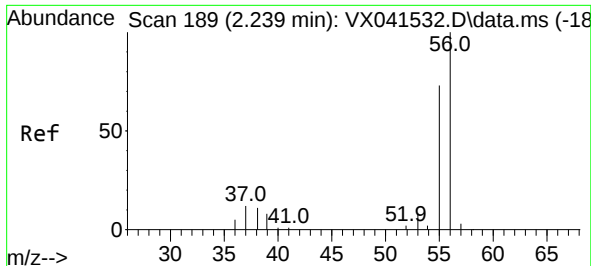
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#12
Methyl Acetate
Concen: 22.929 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

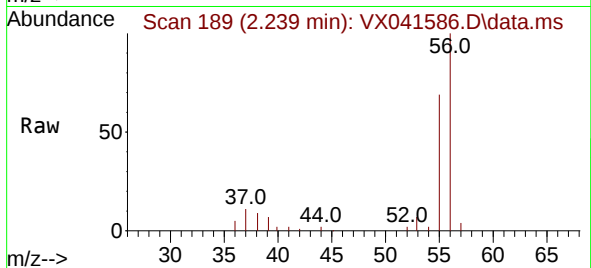
Tgt Ion: 43 Resp: 49167
Ion Ratio Lower Upper
43 100
74 23.0 19.9 29.9





#13
Acrolein
Concen: 106.799 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

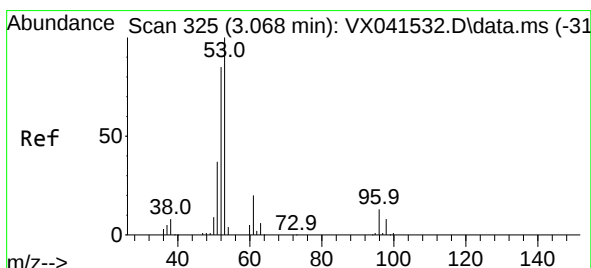
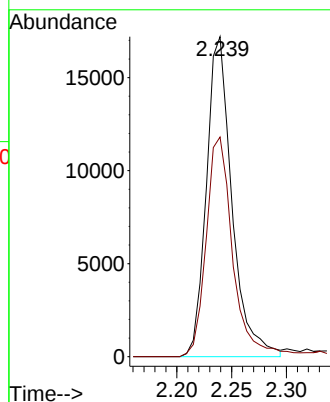
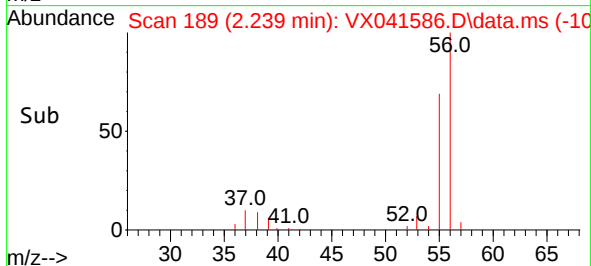
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



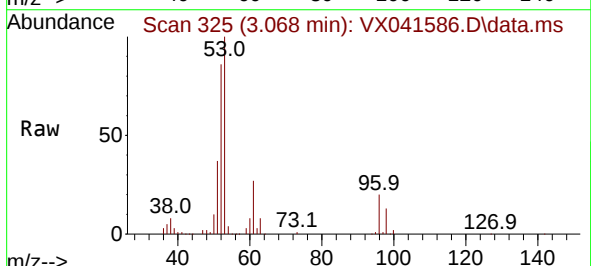
Tgt Ion: 56 Resp: 27880
Ion Ratio Lower Upper
56 100
55 71.5 55.1 82.7

Manual Integrations
APPROVED

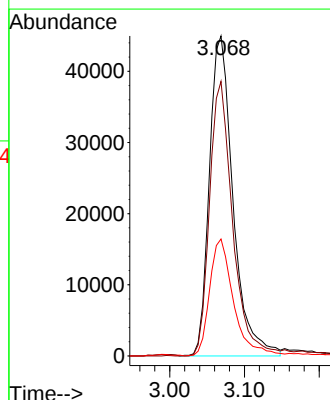
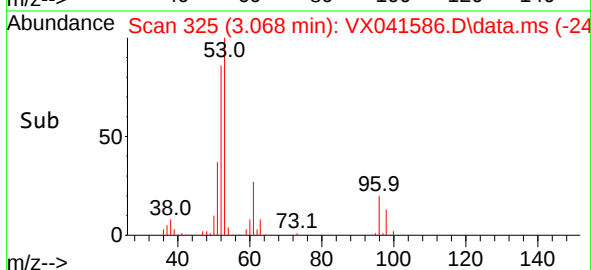
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

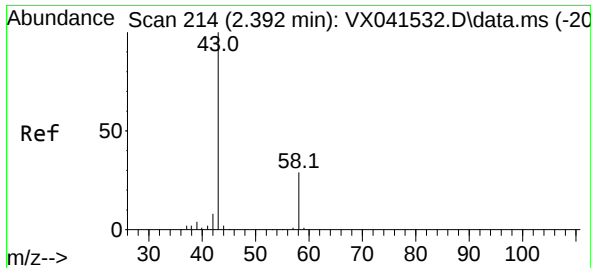


#14
Acrylonitrile
Concen: 105.101 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



Tgt Ion: 53 Resp: 99088
Ion Ratio Lower Upper
53 100
52 83.3 41.3 123.7
51 36.8 18.4 55.0





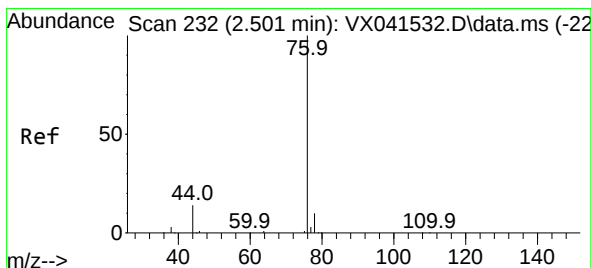
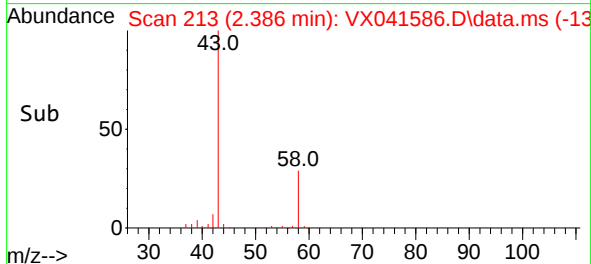
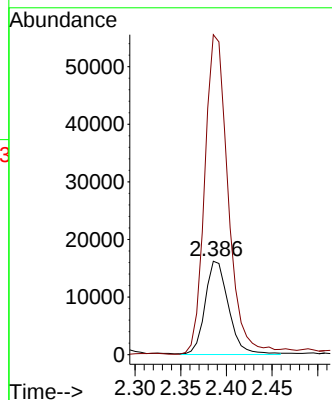
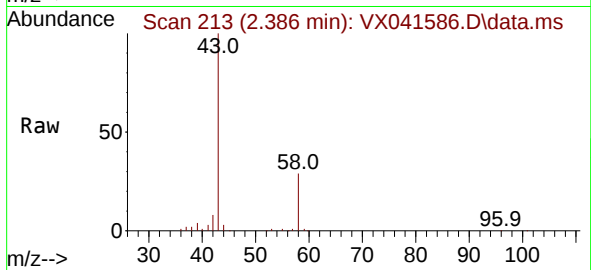
#15
Acetone
Concen: 114.832 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 2900
Ion Ratio Lower Upper
58 100
43 345.5 274.0 411.0

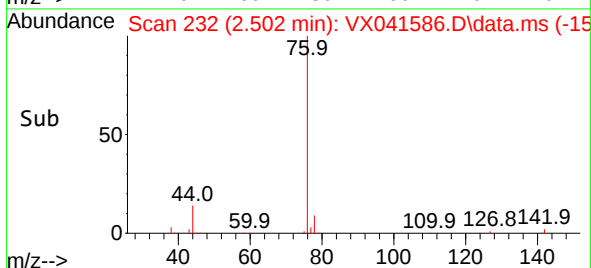
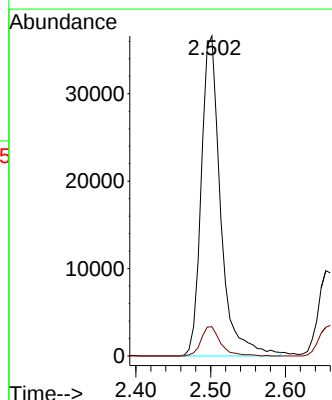
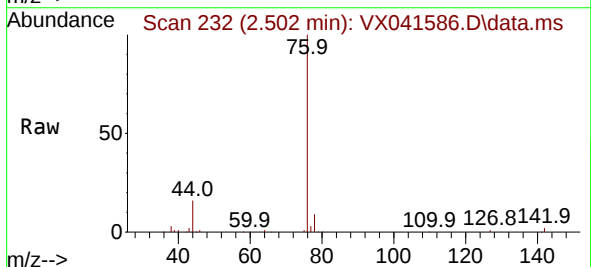
Manual Integrations
APPROVED

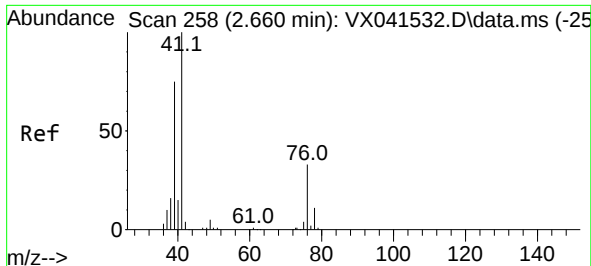
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#16
Carbon Disulfide
Concen: 20.509 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 76 Resp: 65929
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4





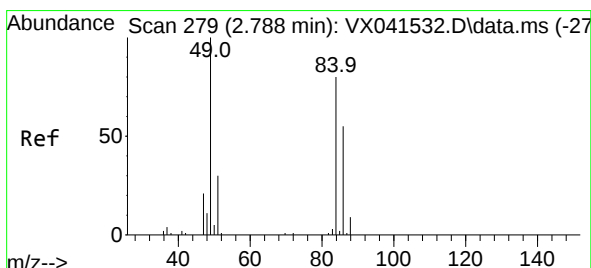
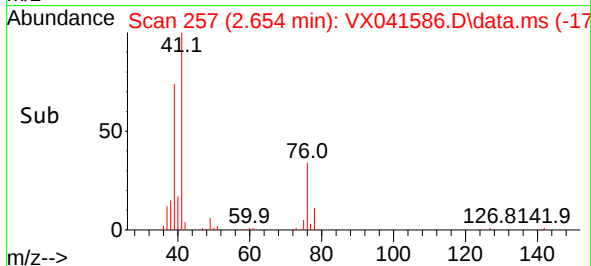
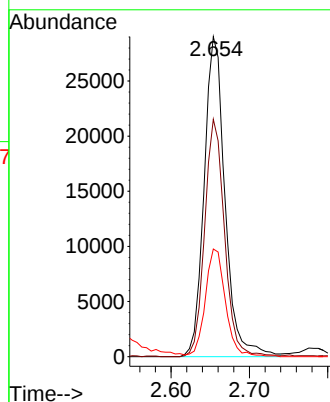
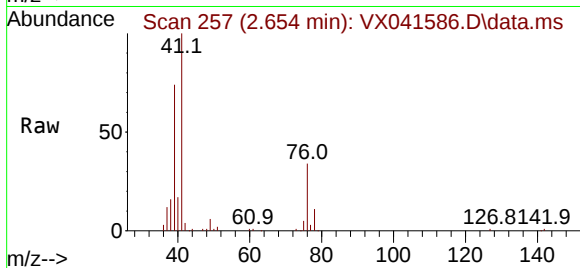
#17
 Allyl chloride
 Concen: 21.305 ug/l
 RT: 2.654 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX041586.D
 Acq: 21 May 2024 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41 Resp: 5383
 Ion Ratio Lower Upper
 41 100
 39 74.2 37.5 112.7
 76 33.7 16.6 49.8

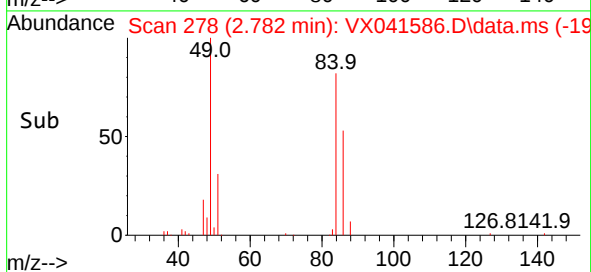
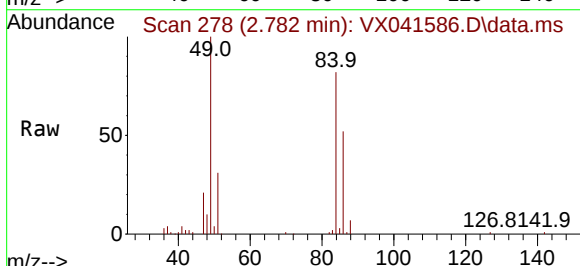
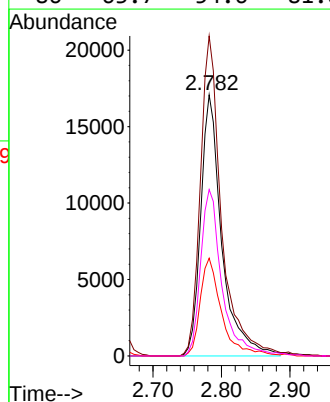
Manual Integrations
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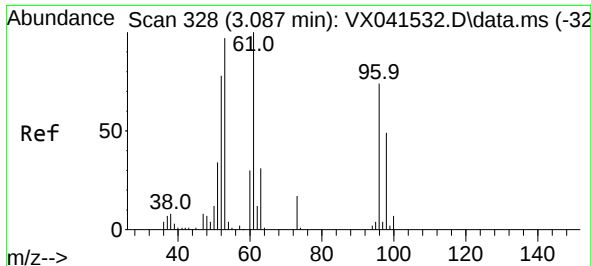
Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024



#18
 Methylene Chloride
 Concen: 21.630 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041586.D
 Acq: 21 May 2024 16:53

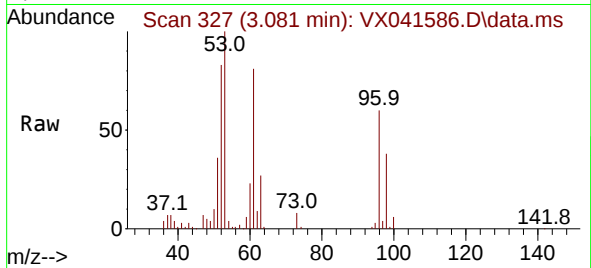
Tgt Ion: 84 Resp: 36629
 Ion Ratio Lower Upper
 84 100
 49 122.5 99.8 149.8
 51 37.4 30.2 45.4
 86 63.7 54.6 81.8





#19
trans-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

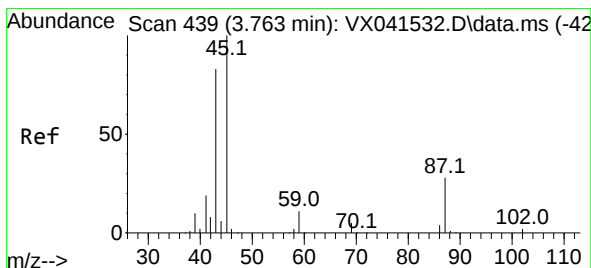
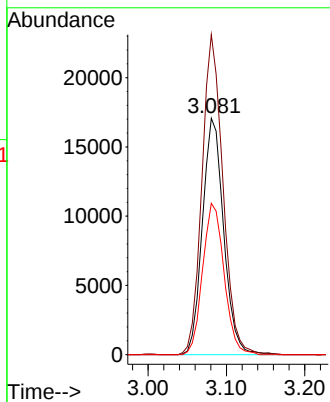
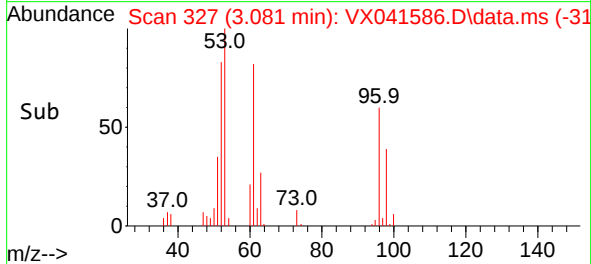
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 3218
Ion Ratio Lower Upper
96 100
61 135.3 107.7 161.5
98 64.0 53.1 79.7

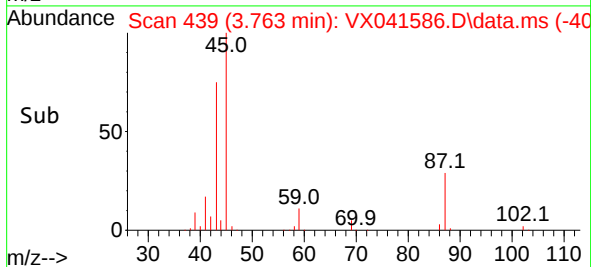
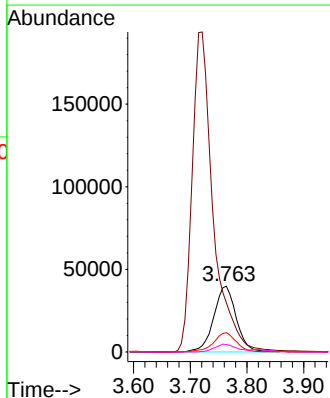
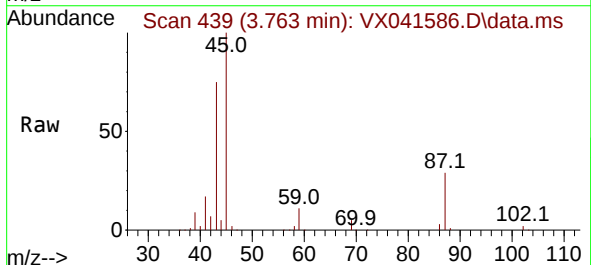
Manual Integrations
APPROVED

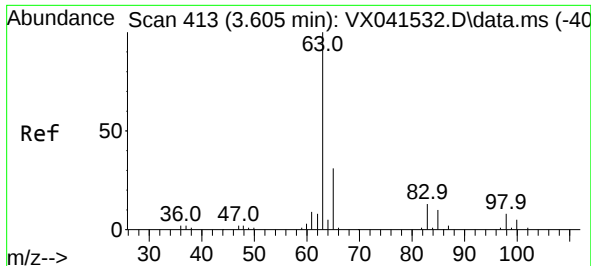
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#20
Diisopropyl ether
Concen: 20.695 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 45 Resp: 109867
Ion Ratio Lower Upper
45 100
43 72.8 66.7 100.1
87 29.3 22.4 33.6
59 11.3 9.0 13.4





#21

1,1-Dichloroethane

Concen: 20.781 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

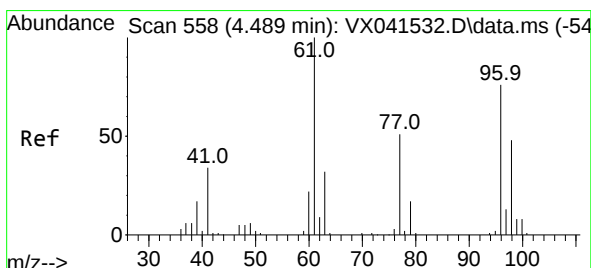
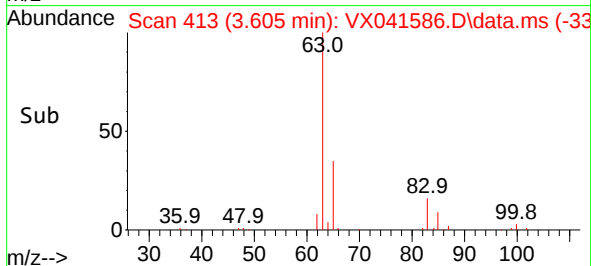
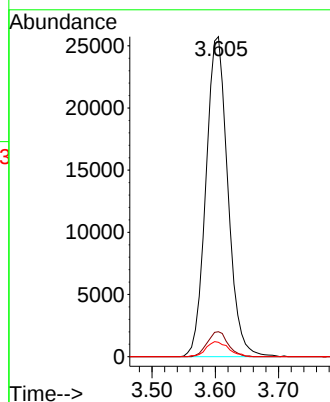
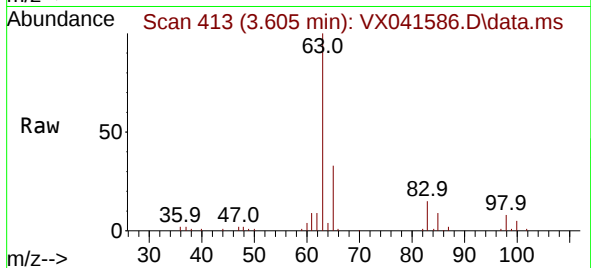
VSTDCCC020EC

Tgt Ion: 63	Resp: 61910
Ion Ratio	Lower Upper
63 100	
98 7.8	3.8 11.4
100 4.5	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: 20.324 ug/l

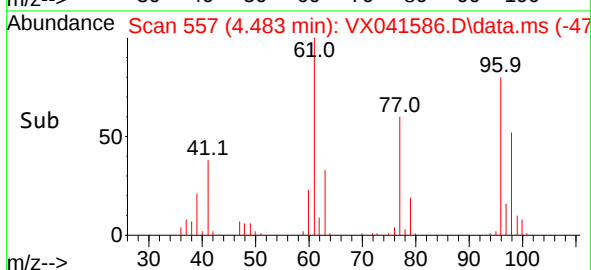
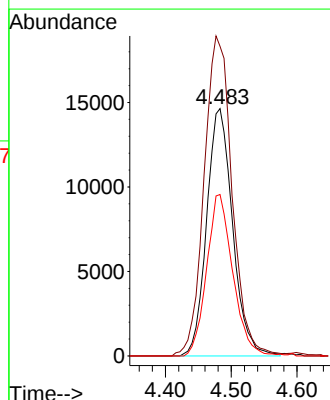
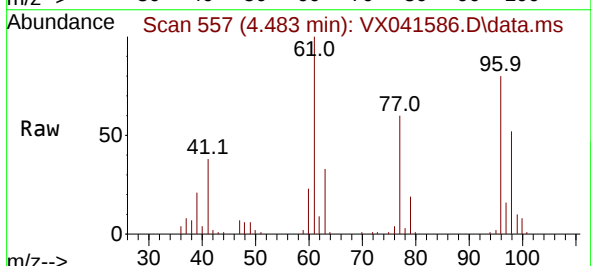
RT: 4.483 min Scan# 557

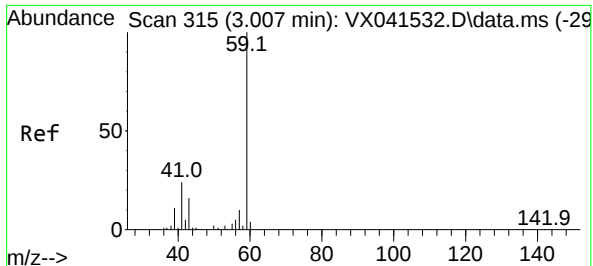
Delta R.T. -0.006 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Tgt Ion: 96	Resp: 40321
Ion Ratio	Lower Upper
96 100	
61 139.3	114.2 171.4
98 65.5	52.6 79.0





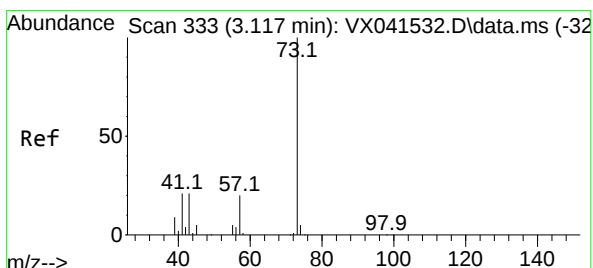
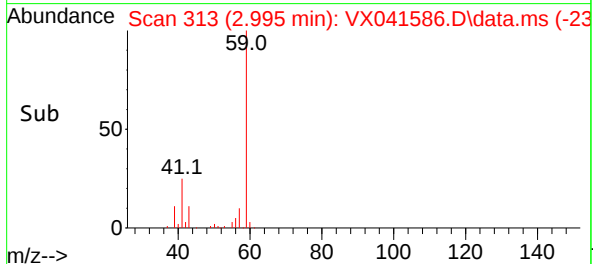
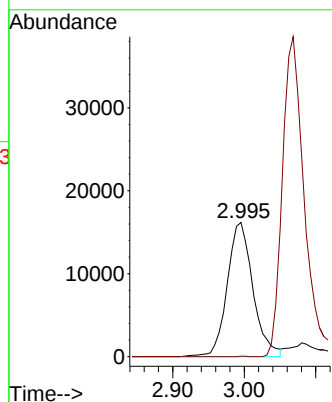
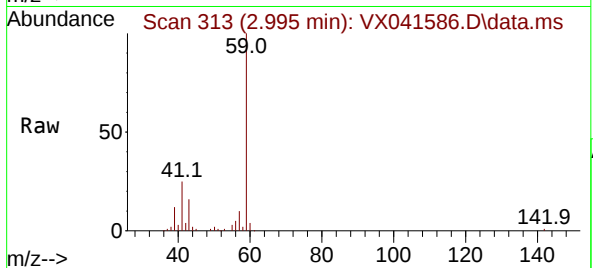
#23
tert-Butyl Alcohol
Concen: 101.120 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 4045
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

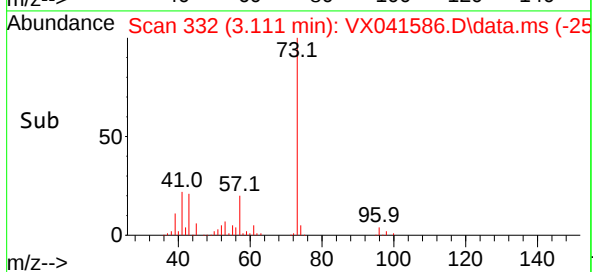
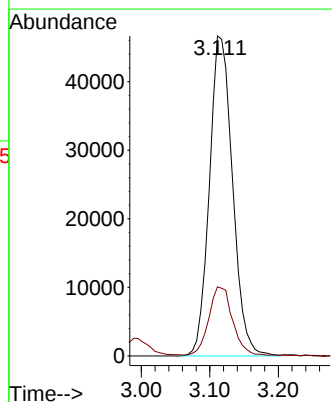
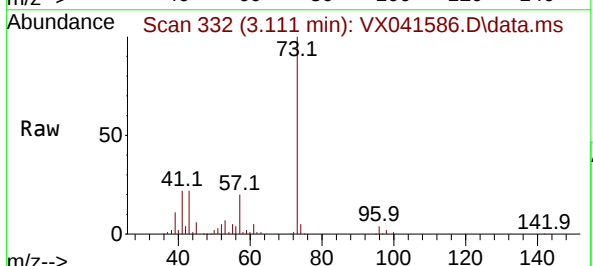
Manual Integrations
APPROVED

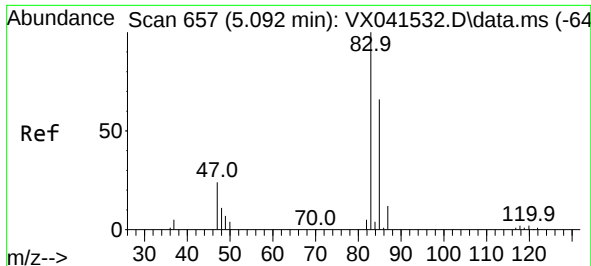
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#24
Methyl tert-Butyl Ether
Concen: 20.632 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 73 Resp: 109673
Ion Ratio Lower Upper
73 100
43 21.5 17.2 25.8





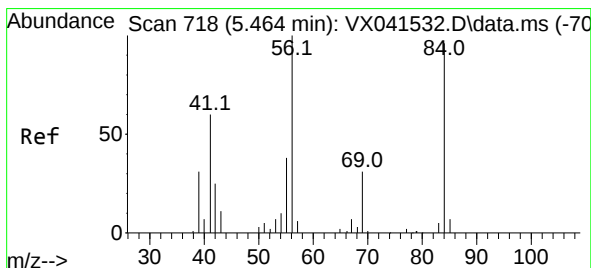
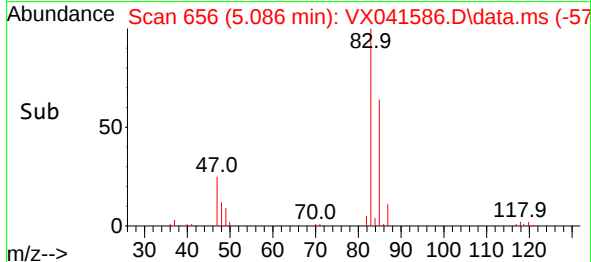
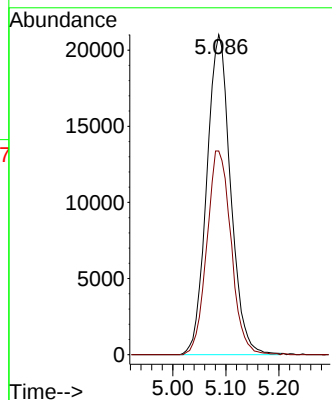
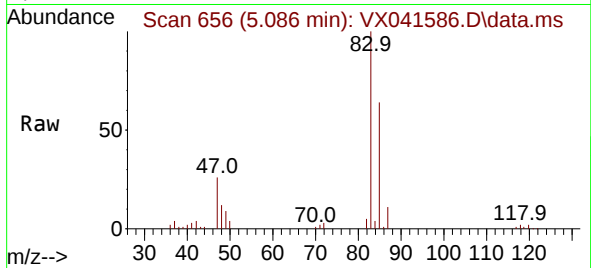
#25
Chloroform
Concen: 20.676 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 65629
Ion Ratio Lower Upper
83 100
85 63.6 52.9 79.3

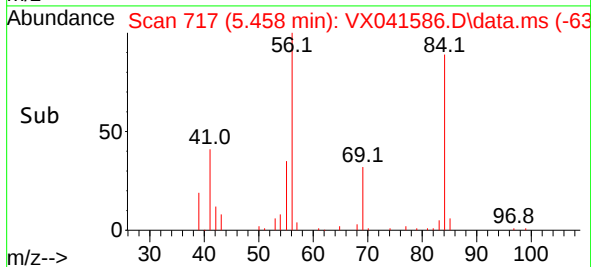
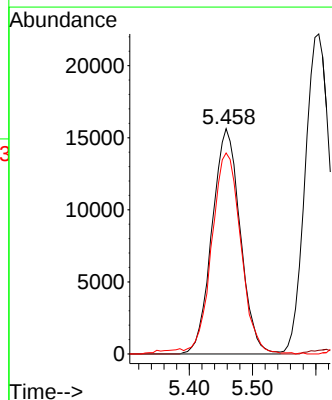
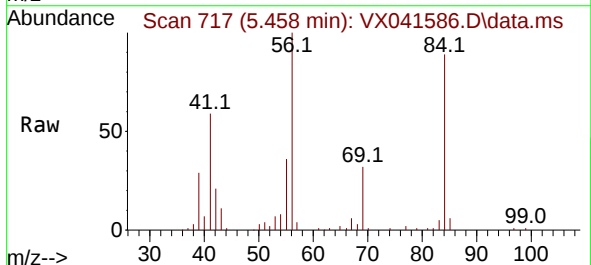
Manual Integrations
APPROVED

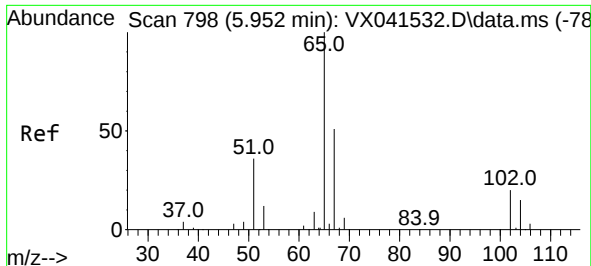
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#26
Cyclohexane
Concen: 19.427 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 56 Resp: 48269
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.7 74.0 111.0





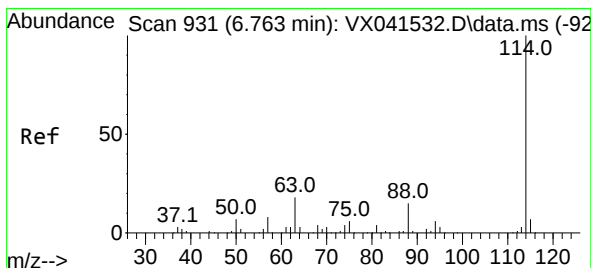
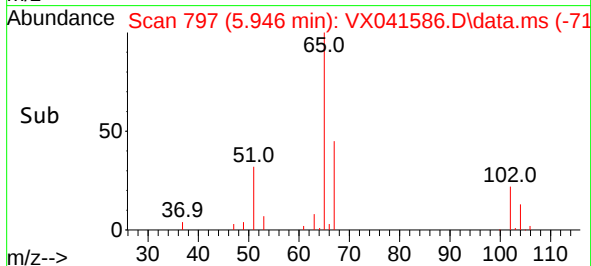
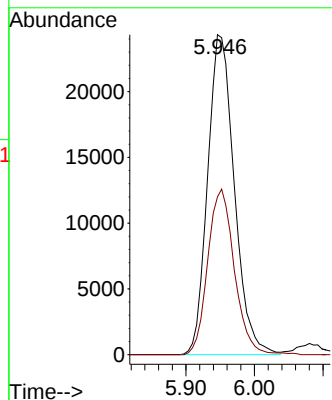
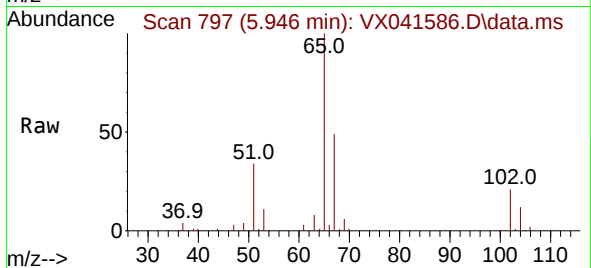
#27
1,2-Dichloroethane-d4
Concen: 30.037 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 6582
Ion Ratio Lower Upper
65 100
67 51.5 40.8 61.2

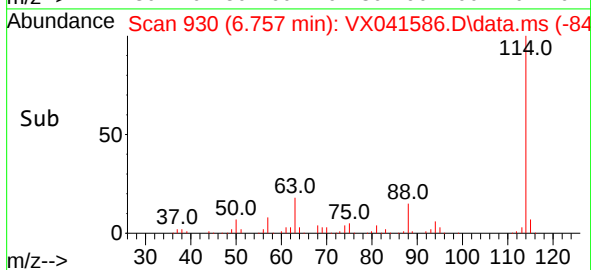
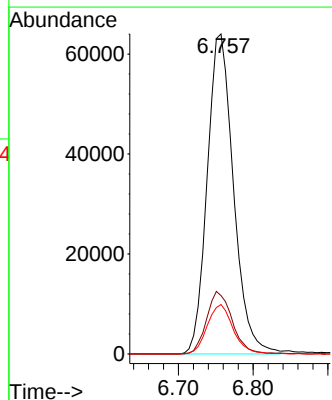
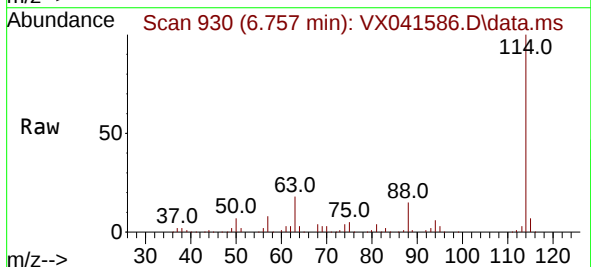
Manual Integrations
APPROVED

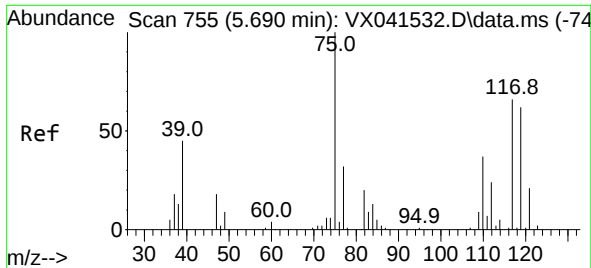
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

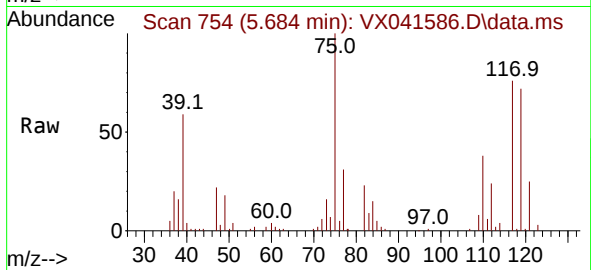
Tgt Ion:114 Resp: 156623
Ion Ratio Lower Upper
114 100
63 19.2 15.4 23.0
88 15.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 20.269 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

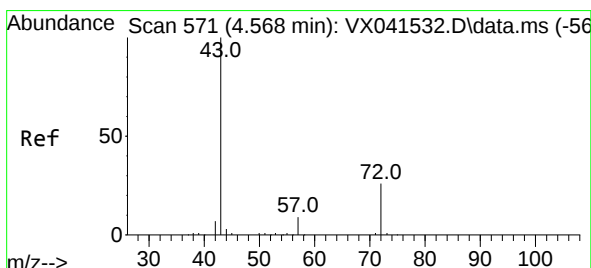
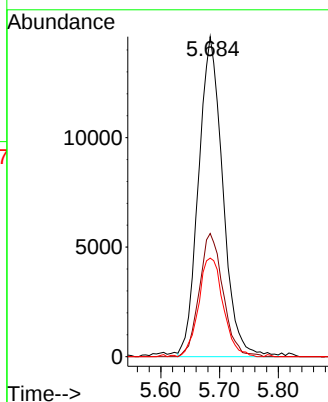
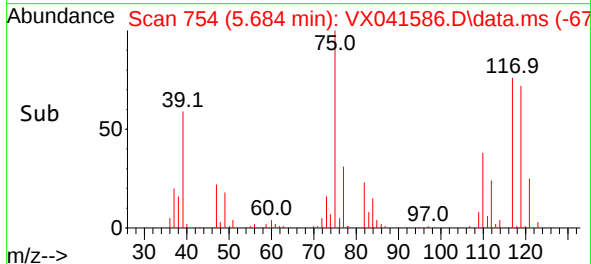
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 4199
Ion Ratio Lower Upper
75 100
110 37.6 0.0 74.4
77 31.2 0.0 62.6

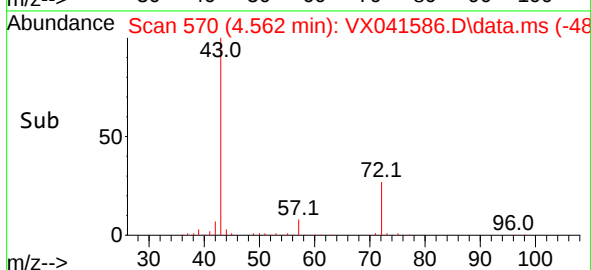
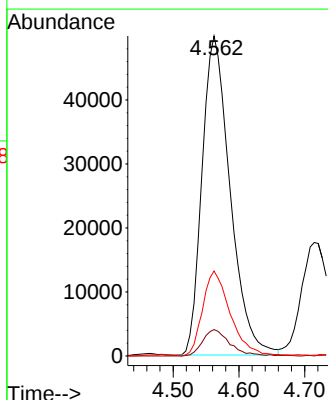
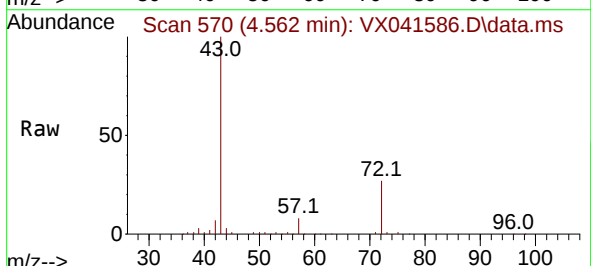
Manual Integrations
APPROVED

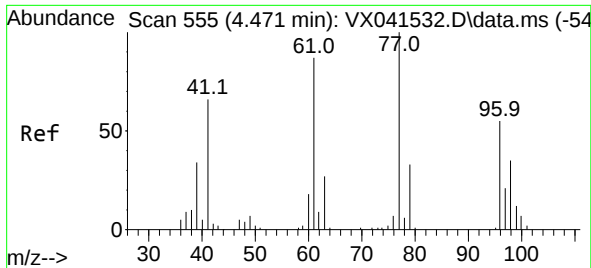
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#30
2-Butanone
Concen: 107.755 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

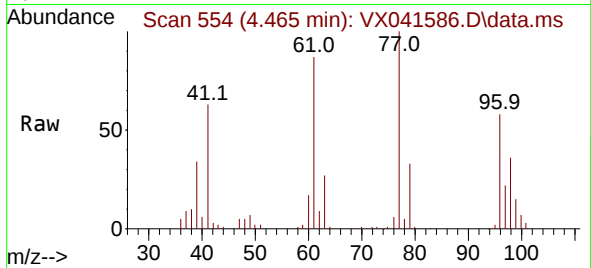
Tgt Ion: 43 Resp: 148183
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 26.3 20.7 31.1





#31
2,2-Dichloropropane
Concen: 20.557 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

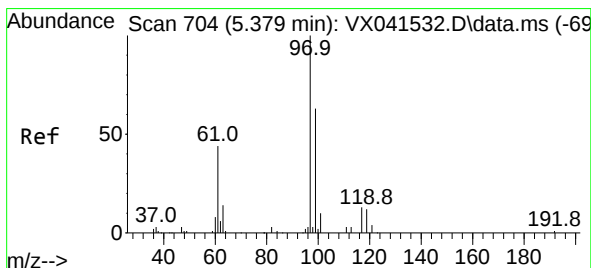
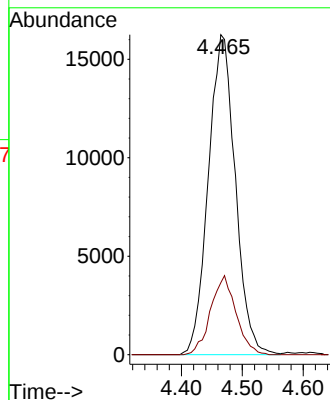
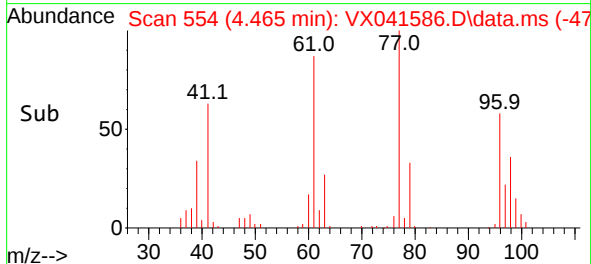
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



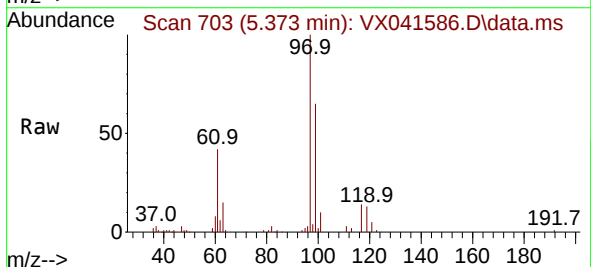
Tgt Ion: 77 Resp: 4998
Ion Ratio Lower Upper
77 100
97 23.2 18.0 27.0

Manual Integrations
APPROVED

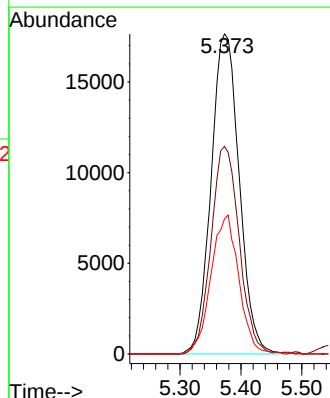
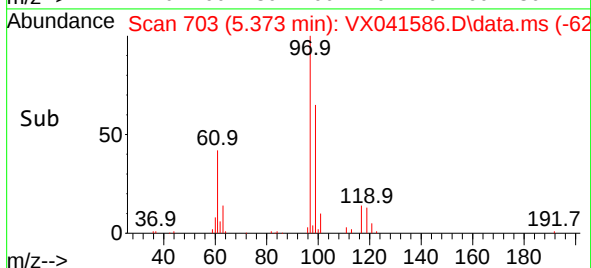
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

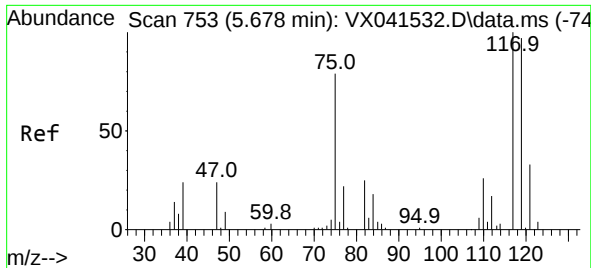


#32
1,1,1-Trichloroethane
Concen: 20.385 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



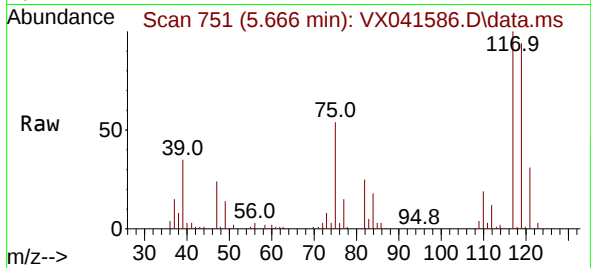
Tgt Ion: 97 Resp: 56671
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.891 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

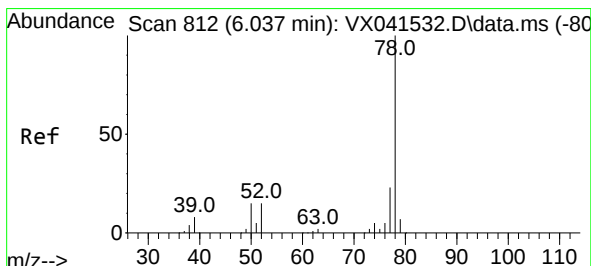
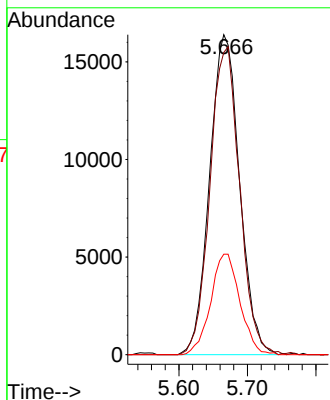
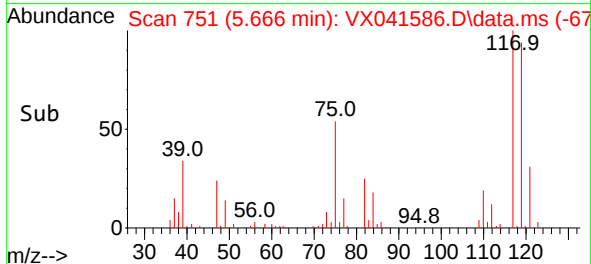
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 49692
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2
121 31.4 26.4 39.6

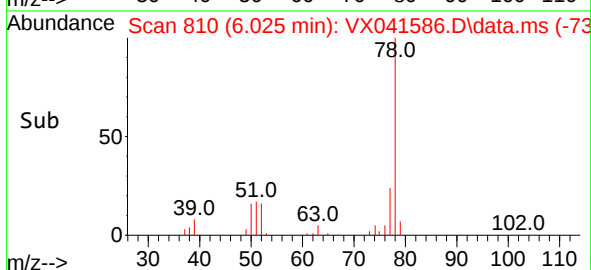
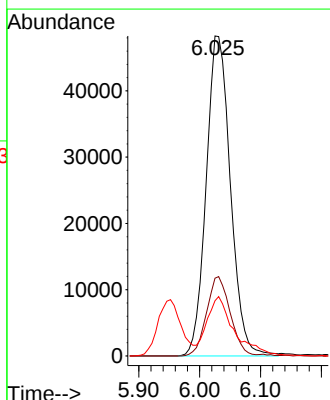
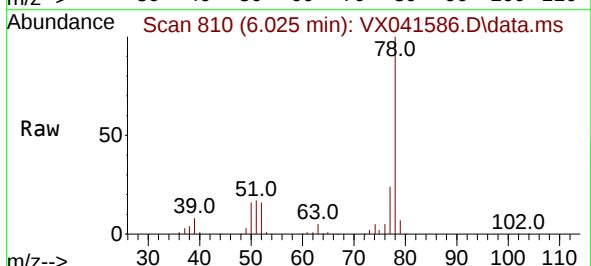
Manual Integrations
APPROVED

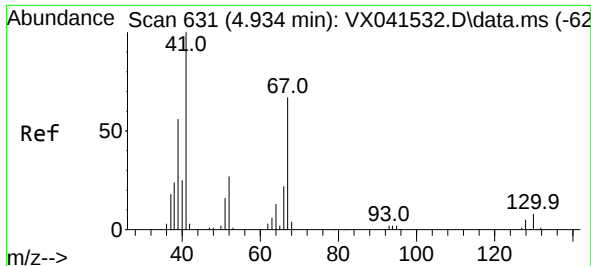
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#34
Benzene
Concen: 20.427 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.012 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

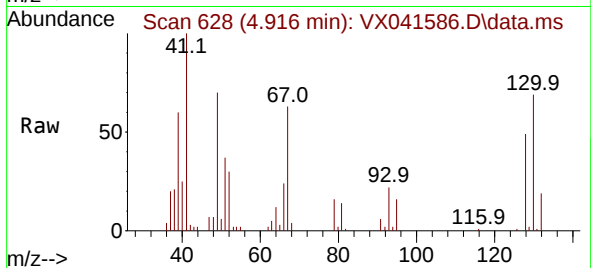
Tgt Ion: 78 Resp: 133658
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0
51 16.7 12.4 18.6





#35
Methacrylonitrile
Concen: 21.522 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

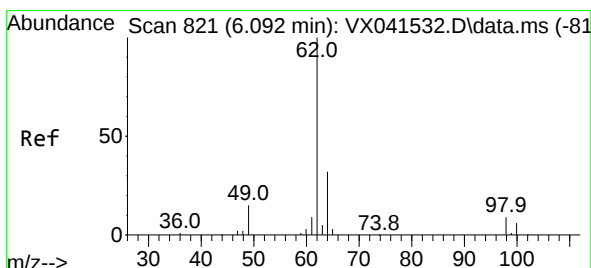
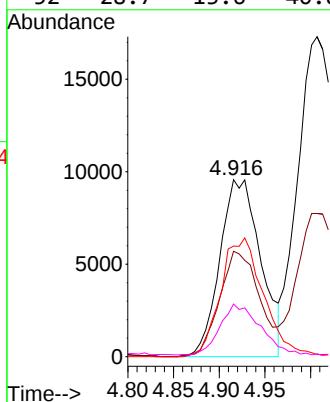
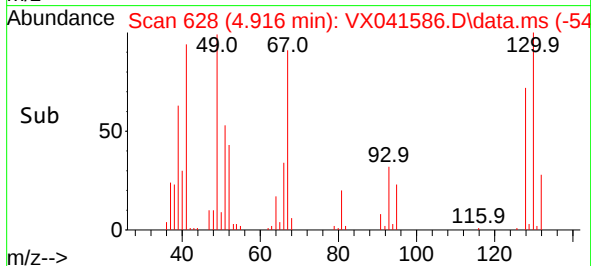
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 29850
Ion Ratio Lower Upper
41 100
39 59.6 28.1 84.4
67 62.5 33.7 101.1
52 28.7 13.6 40.8

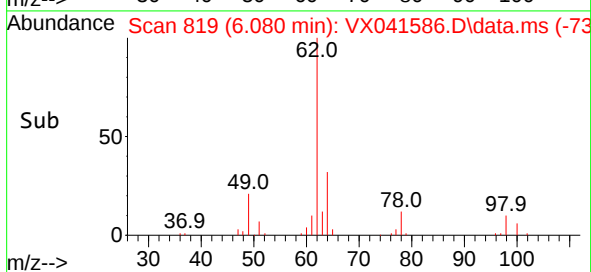
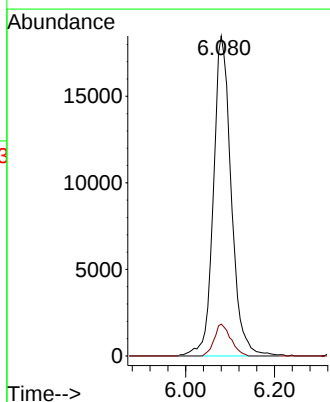
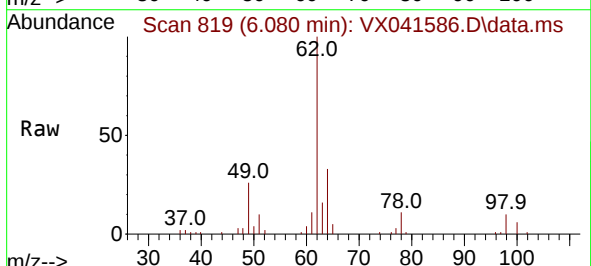
Manual Integrations
APPROVED

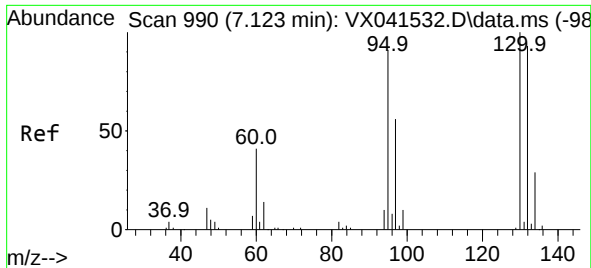
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#36
1,2-Dichloroethane
Concen: 21.080 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

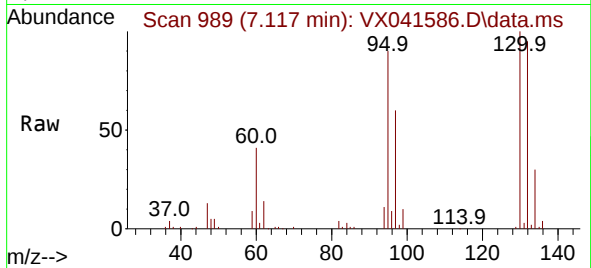
Tgt Ion: 62 Resp: 51470
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 20.069 ug/l
RT: 7.117 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

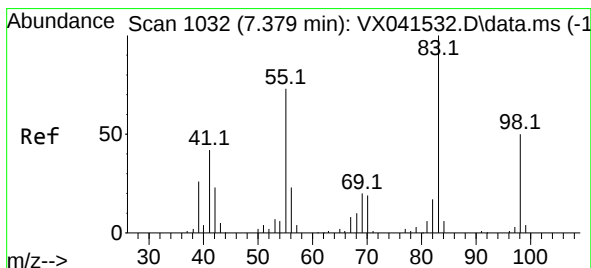
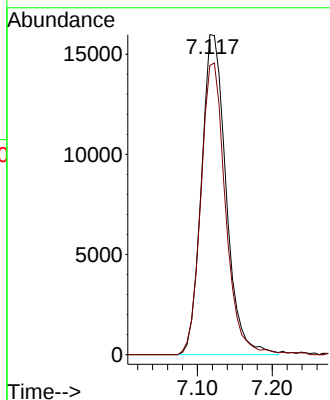
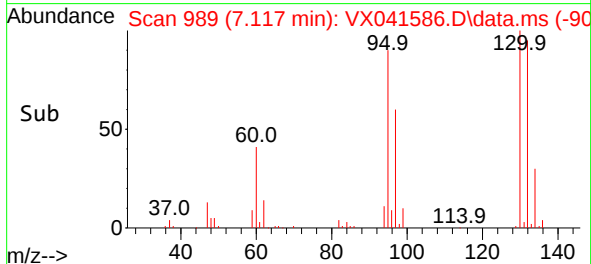
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



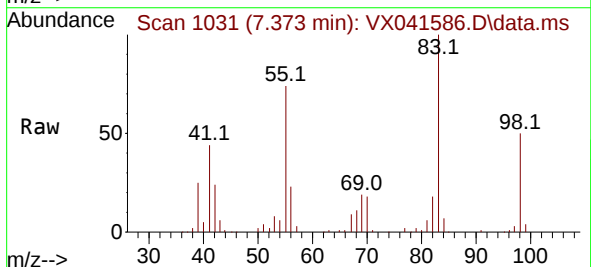
Tgt Ion:130 Resp: 3658
Ion Ratio Lower Upper
130 100
95 90.4 72.6 108.8

Manual Integrations
APPROVED

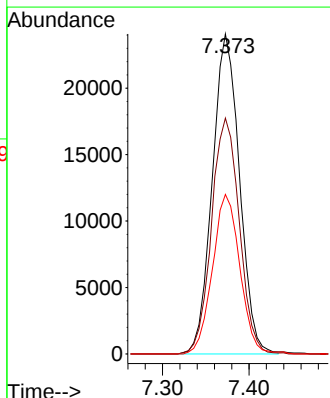
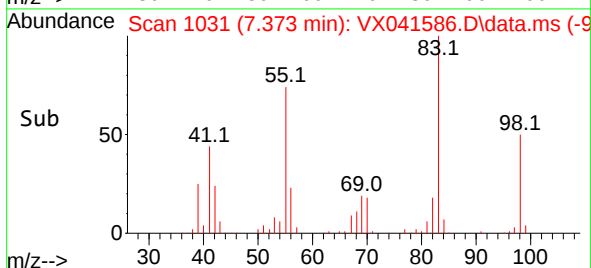
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

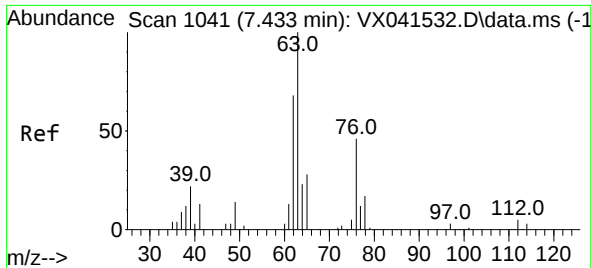


#38
Methylcyclohexane
Concen: 19.955 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



Tgt Ion: 83 Resp: 52494
Ion Ratio Lower Upper
83 100
55 75.2 37.7 113.1
98 50.1 25.1 75.3





#39

1,2-Dichloropropane

Concen: 20.359 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 31490

Ion Ratio Lower Upper

63 100

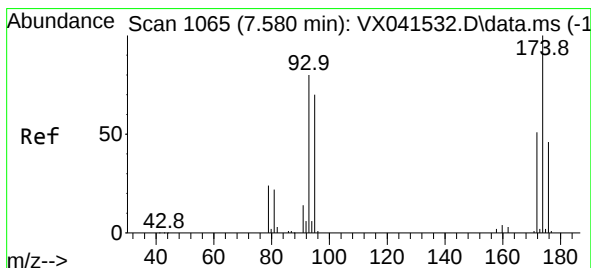
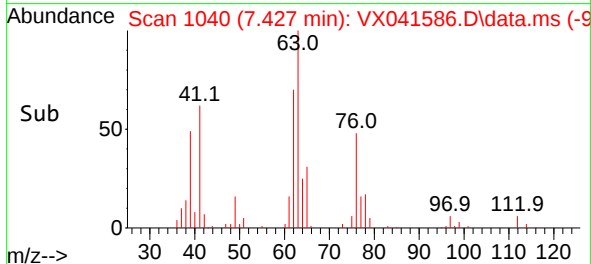
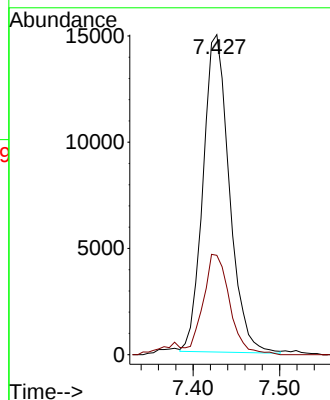
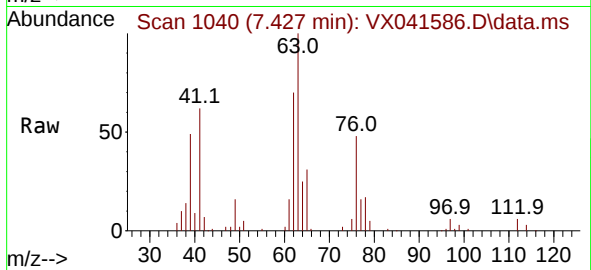
65 31.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#40

Dibromomethane

Concen: 20.641 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

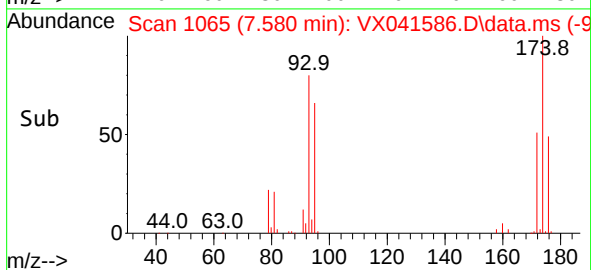
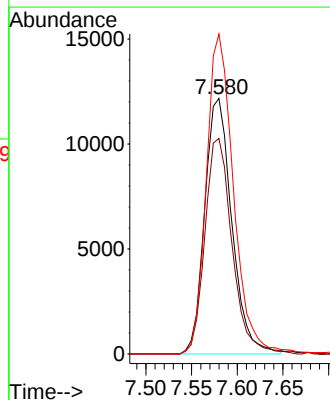
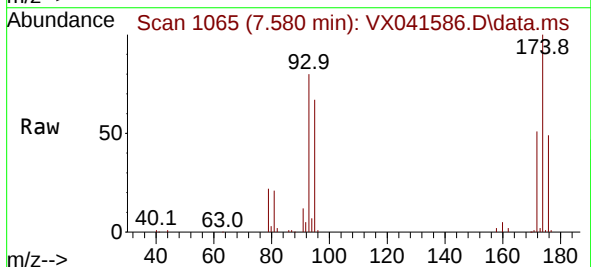
Tgt Ion: 93 Resp: 25127

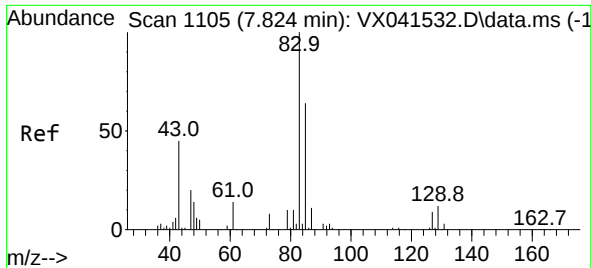
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.6

174 125.3 0.0 249.8





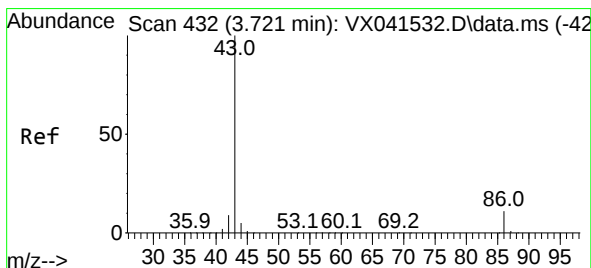
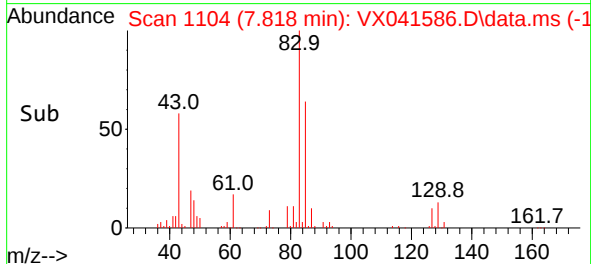
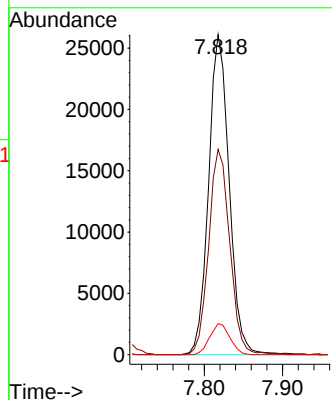
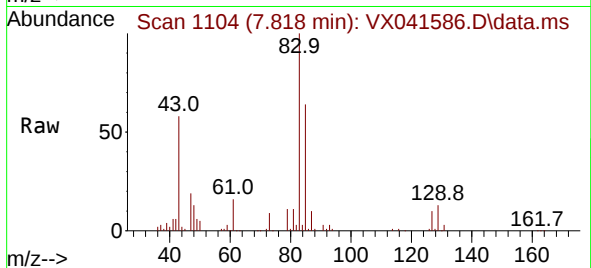
#41
Bromodichloromethane
Concen: 20.815 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 47570
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 9.7 7.1 10.7

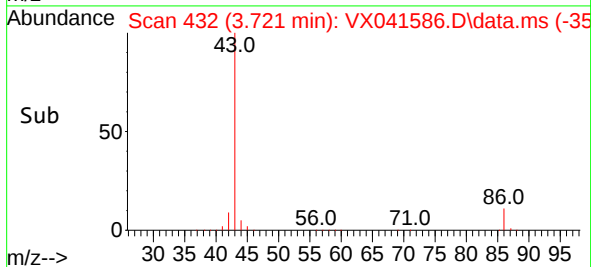
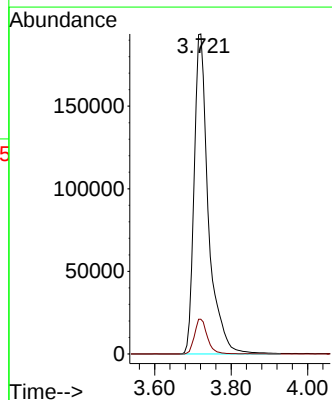
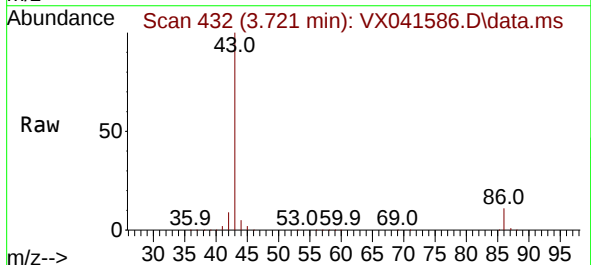
Manual Integrations
APPROVED

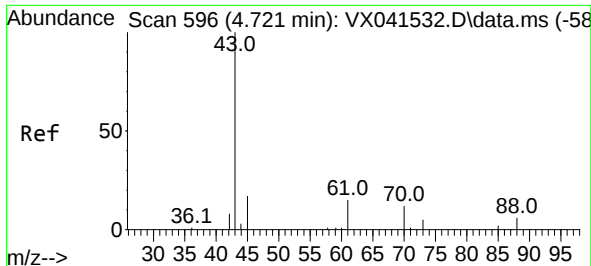
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#42
Vinyl Acetate
Concen: 105.054 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 43 Resp: 501240
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6





#43

Ethyl Acetate

Concen: 21.181 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 5620

Ion Ratio Lower Upper

43 100

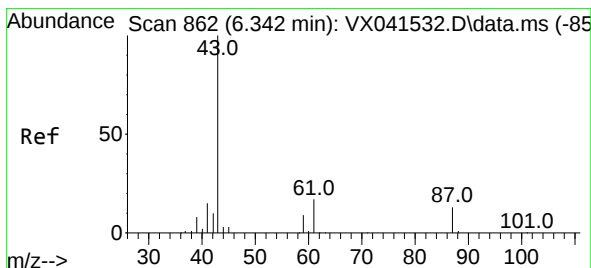
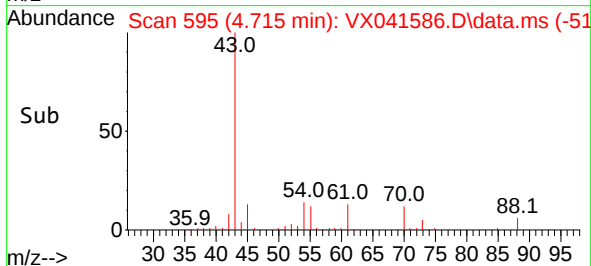
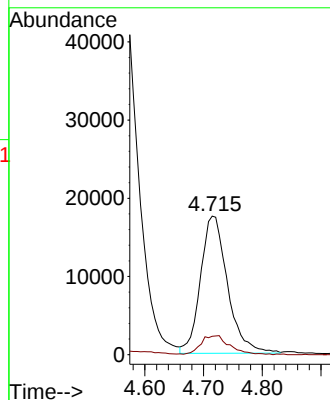
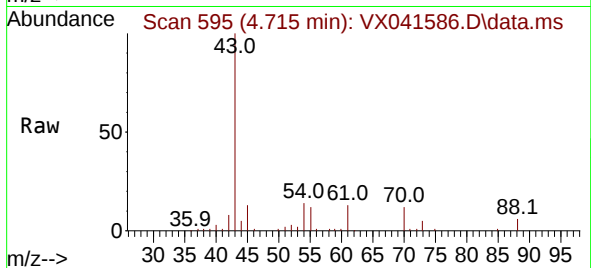
45 4.8 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#44

Isopropyl Acetate

Concen: 20.808 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041586.D

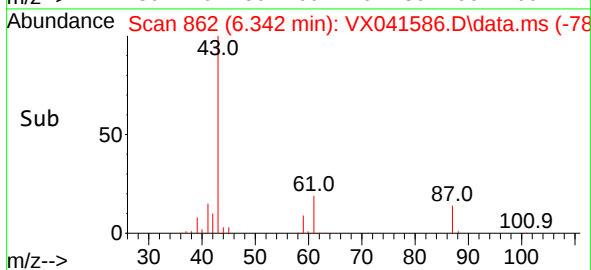
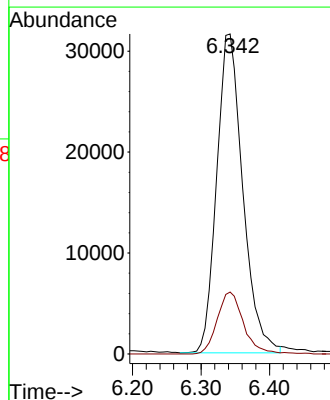
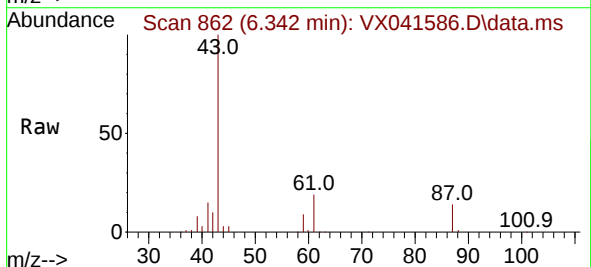
Acq: 21 May 2024 16:53

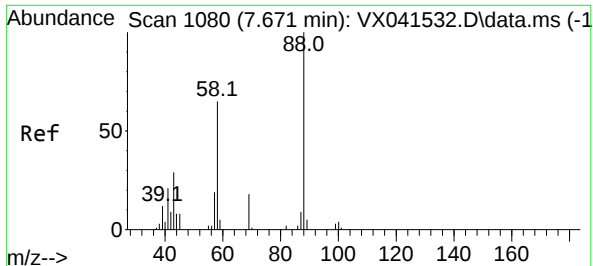
Tgt Ion: 43 Resp: 83460

Ion Ratio Lower Upper

43 100

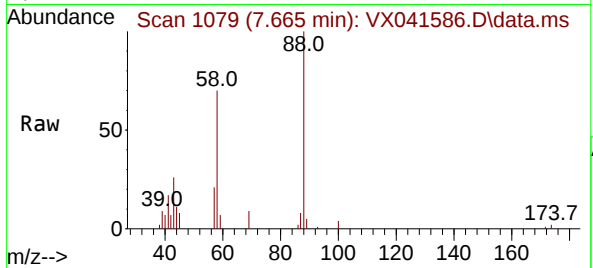
61 19.4 15.3 22.9





#45
1,4-Dioxane
Concen: 388.663 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

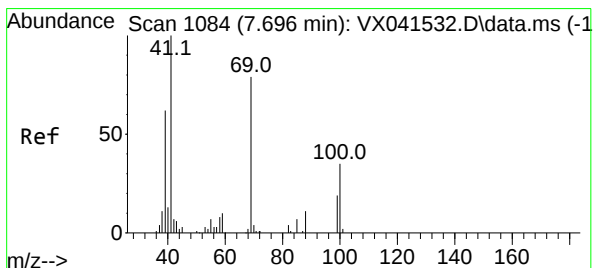
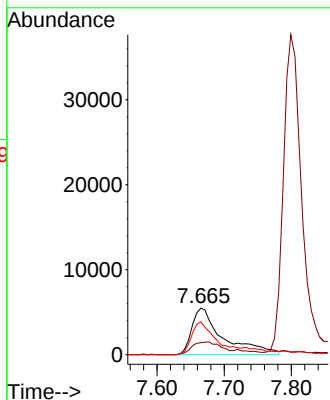
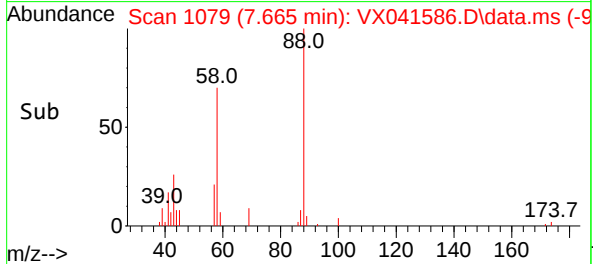
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1758
Ion Ratio Lower Upper
88 100
43 25.4 24.9 37.3
58 56.6 47.0 70.4

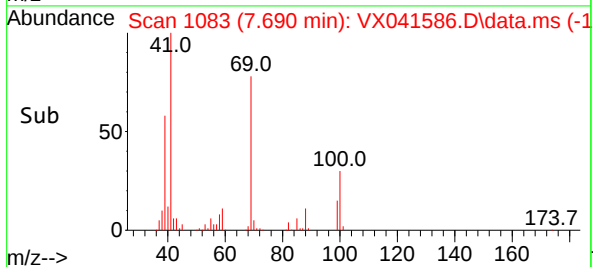
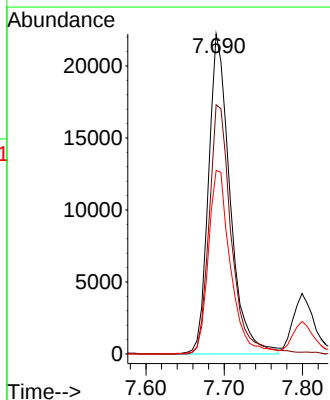
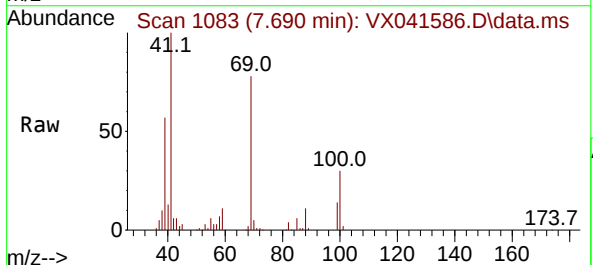
Manual Integrations
APPROVED

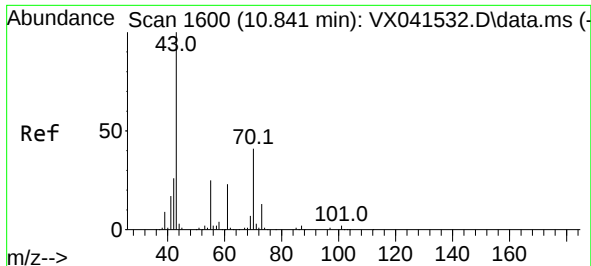
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#46
Methyl methacrylate
Concen: 21.308 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

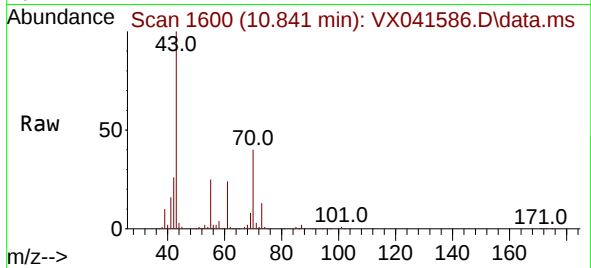
Tgt Ion: 41 Resp: 42524
Ion Ratio Lower Upper
41 100
69 77.9 39.6 119.0
39 57.1 30.9 92.8





#47
n-amy1 Acetate
Concen: 20.565 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

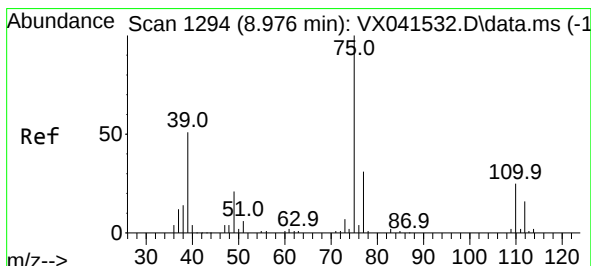
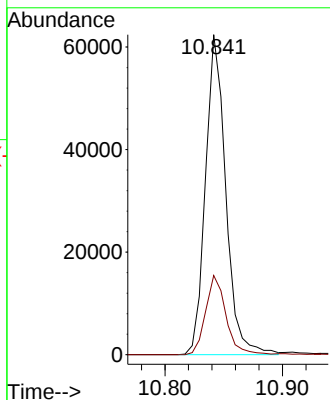
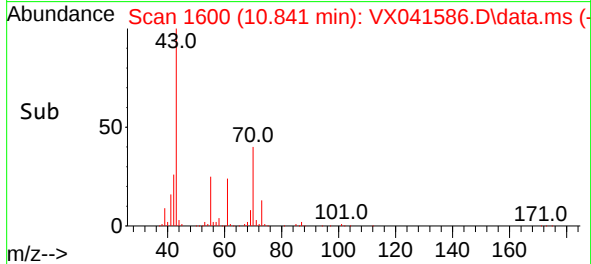
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 74802
Ion Ratio Lower Upper
43 100
55 24.7 19.4 29.0

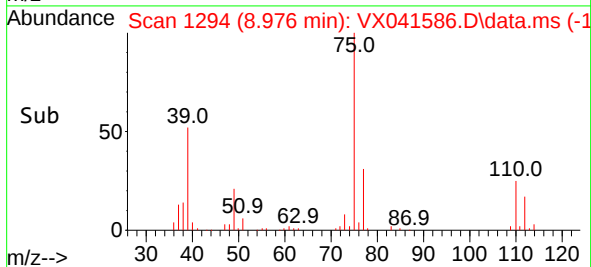
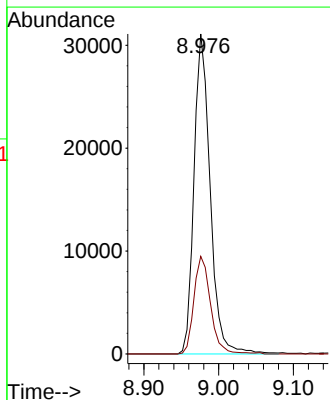
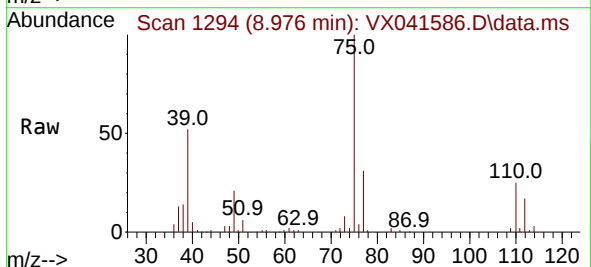
Manual Integrations
APPROVED

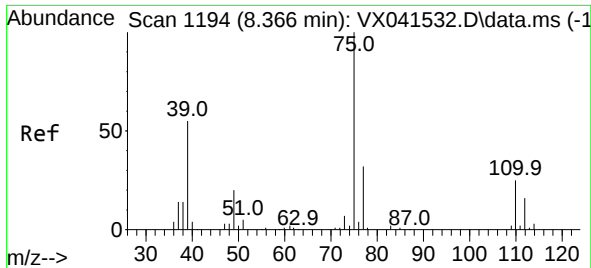
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#48
t-1,3-Dichloropropene
Concen: 20.367 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 75 Resp: 46745
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 20.463 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

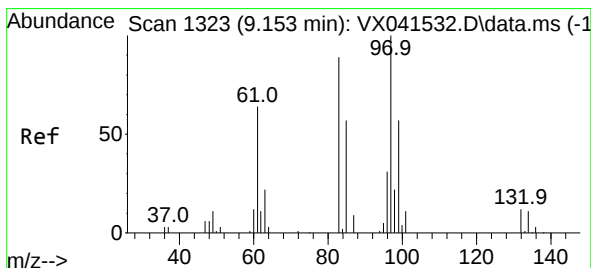
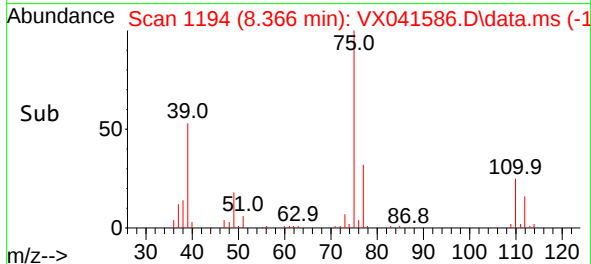
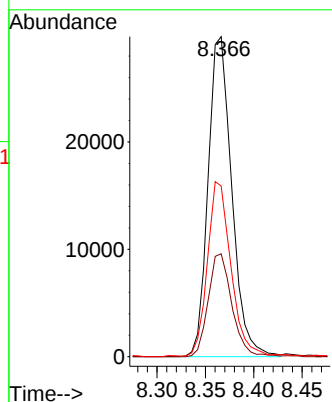
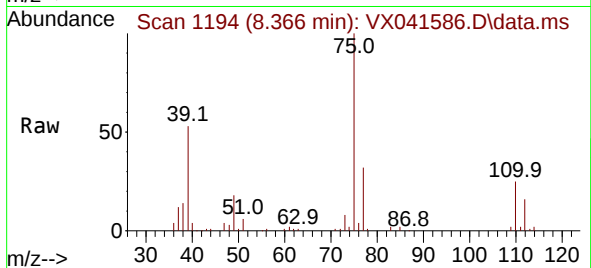
VSTDCCC020EC

Tgt Ion: 75 Resp: 5086
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
39 53.1 43.6 65.4

Manual Integrations

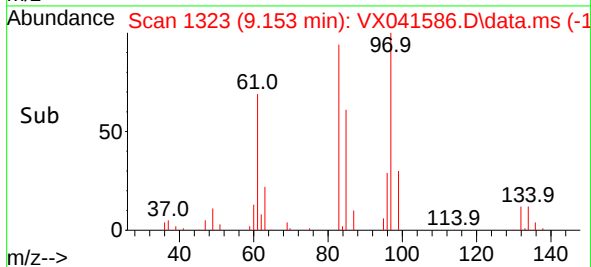
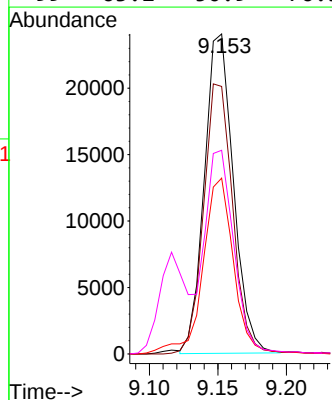
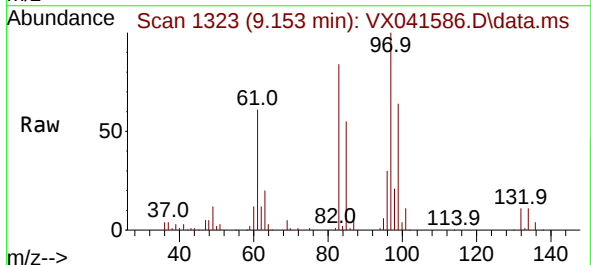
APPROVED

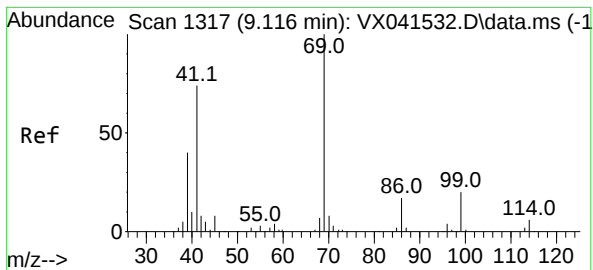
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#50
1,1,2-Trichloroethane
Concen: 20.947 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

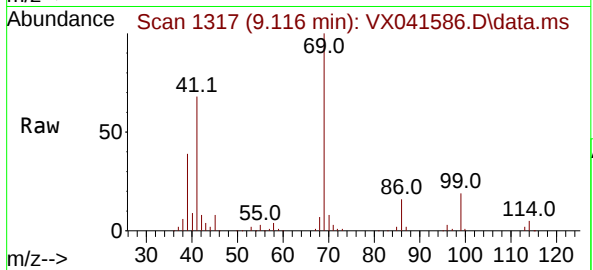
Tgt Ion: 97 Resp: 35472
Ion Ratio Lower Upper
97 100
83 83.4 71.3 106.9
85 54.6 45.7 68.5
99 63.2 50.9 76.3





#51
Ethyl methacrylate
Concen: 20.386 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

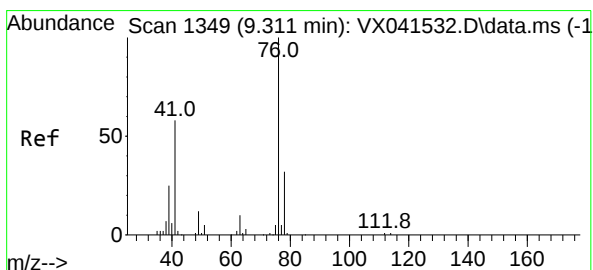
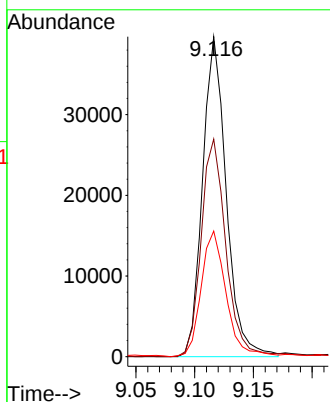
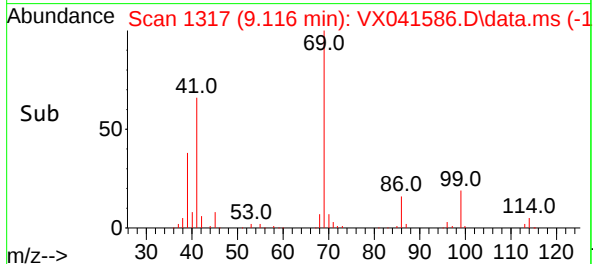
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 5556
Ion Ratio Lower Upper
69 100
41 67.9 37.1 111.3
39 38.9 20.2 60.6

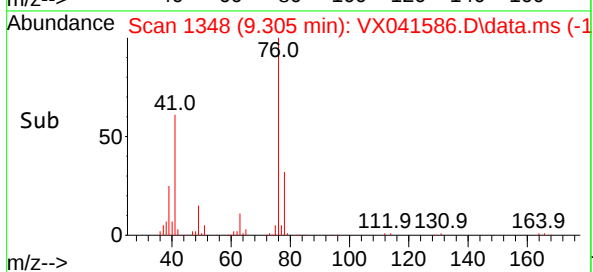
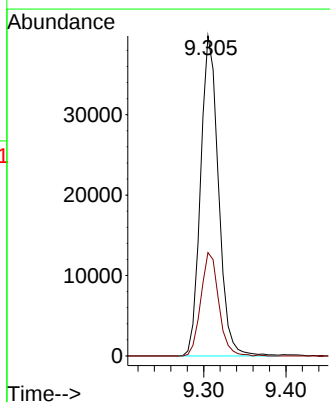
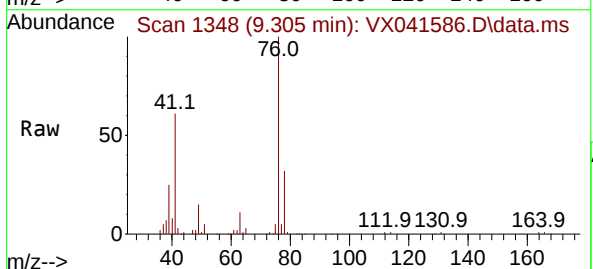
Manual Integrations
APPROVED

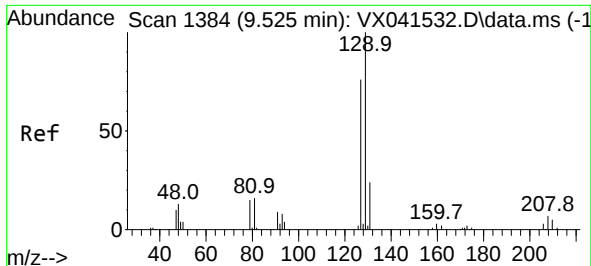
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#52
1,3-Dichloropropane
Concen: 21.539 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 76 Resp: 60273
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.4





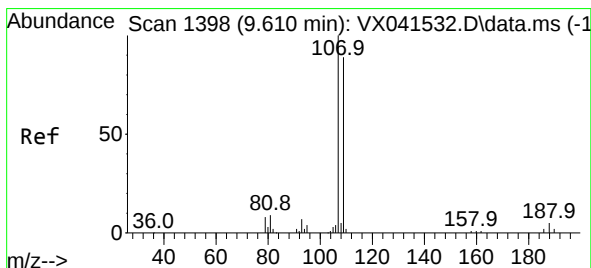
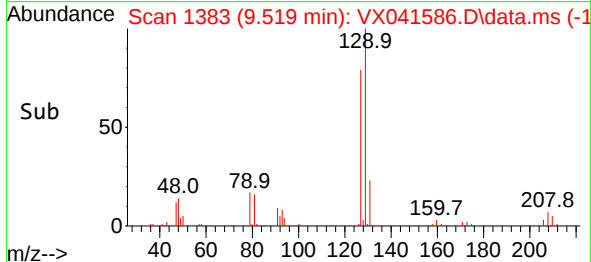
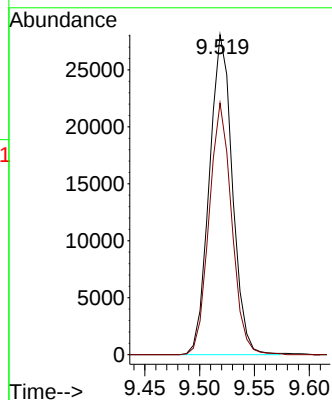
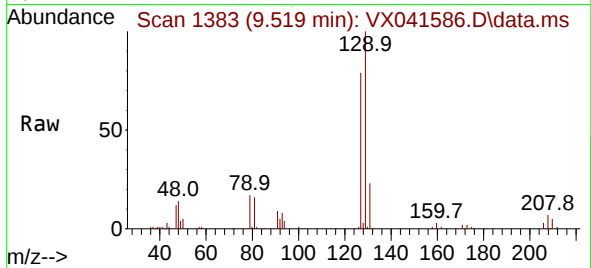
#53
Dibromochloromethane
Concen: 21.358 ug/l
RT: 9.519 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 4115
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7

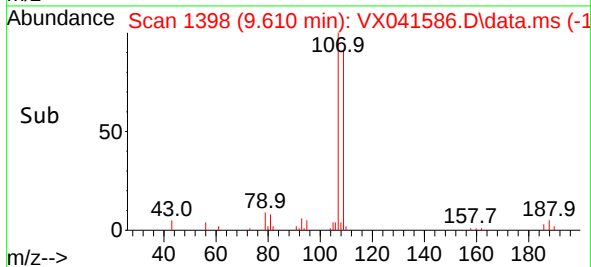
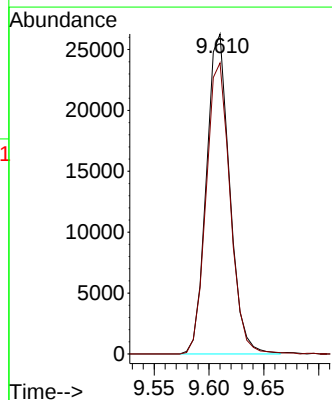
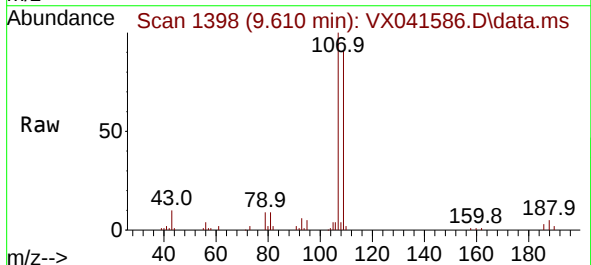
Manual Integrations
APPROVED

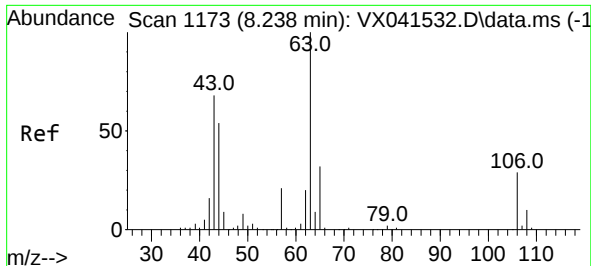
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#54
1,2-Dibromoethane
Concen: 21.603 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion:107 Resp: 38794
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 89.144 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 11860

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3

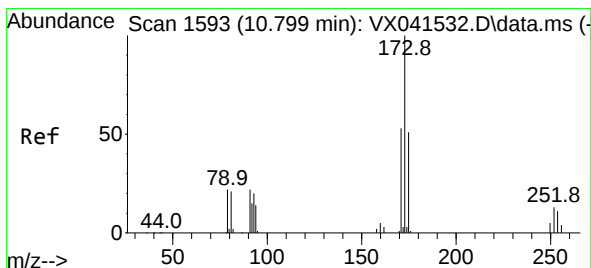
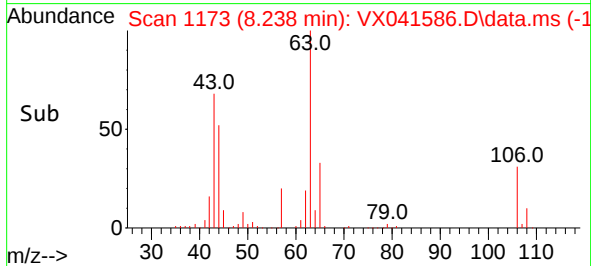
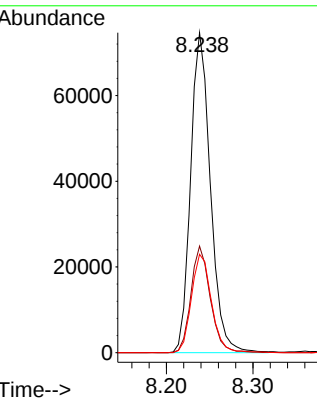
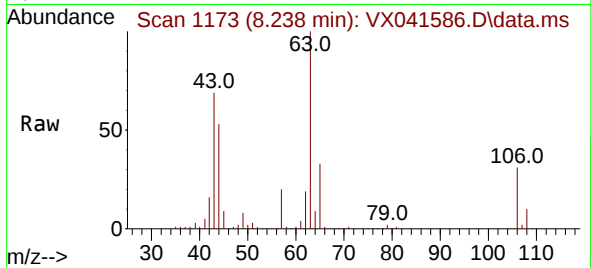
106 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#56

Bromoform

Concen: 20.849 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

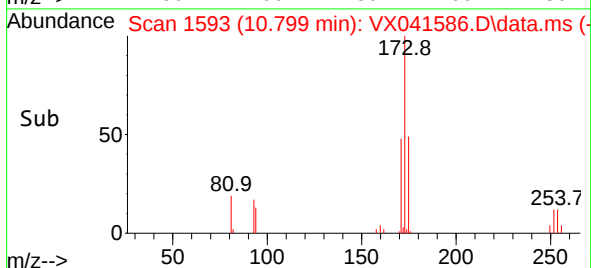
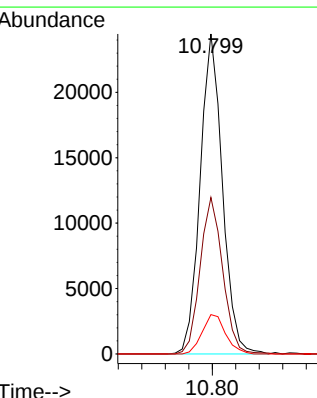
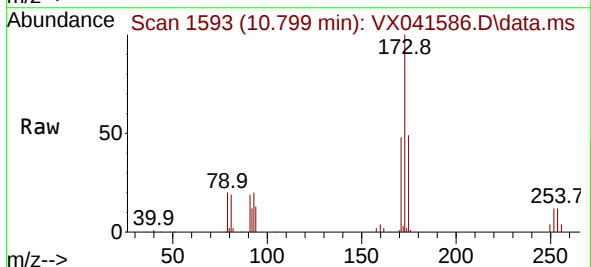
Tgt Ion:173 Resp: 32184

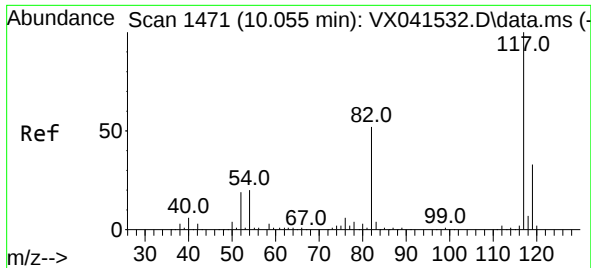
Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.6

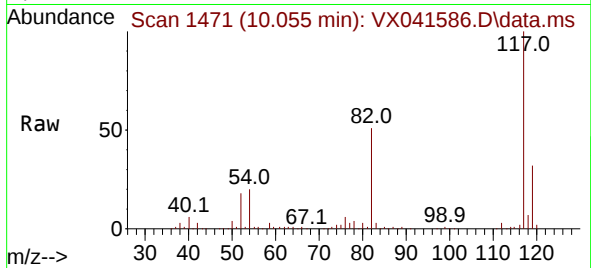
254 13.0 10.3 15.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

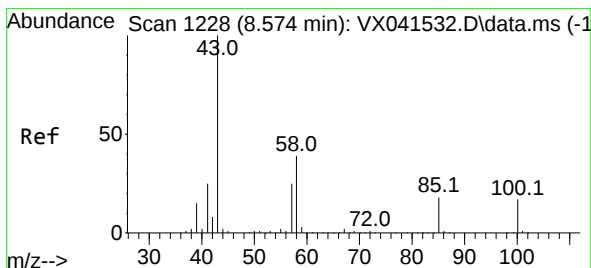
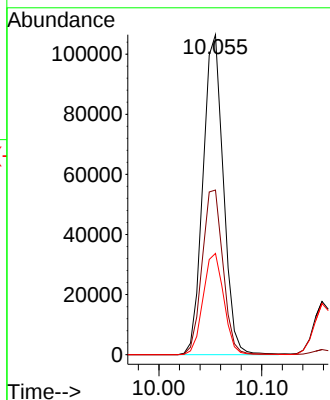
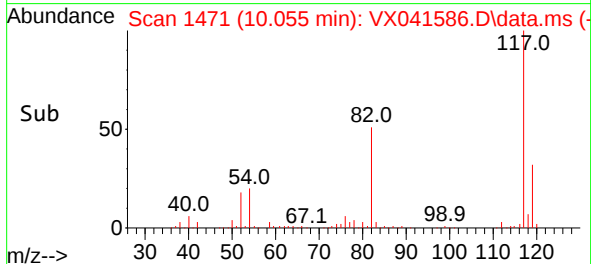
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 146691
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 32.1 25.7 38.5

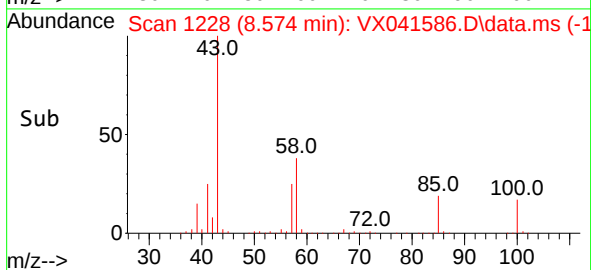
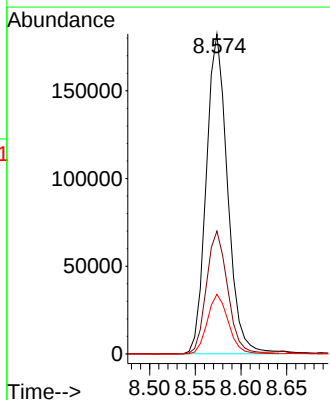
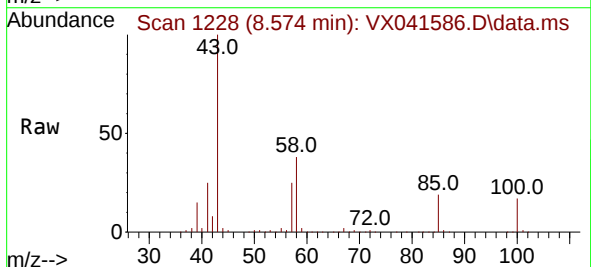
Manual Integrations
APPROVED

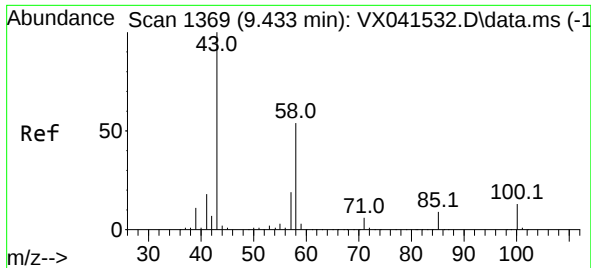
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#58
4-Methyl-2-Pentanone
Concen: 110.267 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

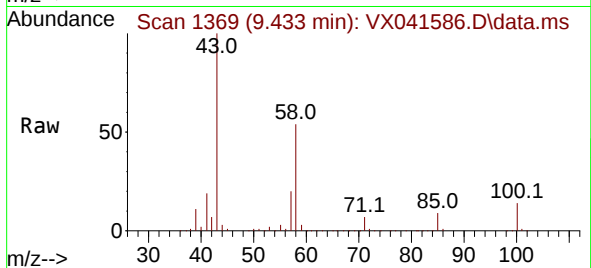
Tgt Ion: 43 Resp: 295544
Ion Ratio Lower Upper
43 100
58 38.3 30.2 45.4
85 18.5 14.6 21.8





#59
2-Hexanone
Concen: 108.376 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

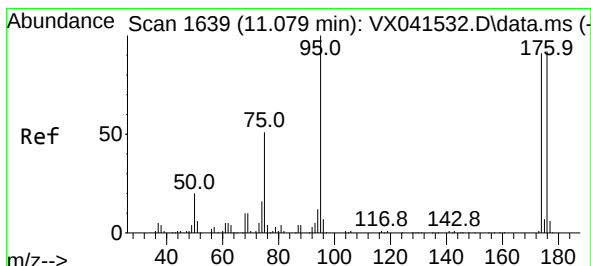
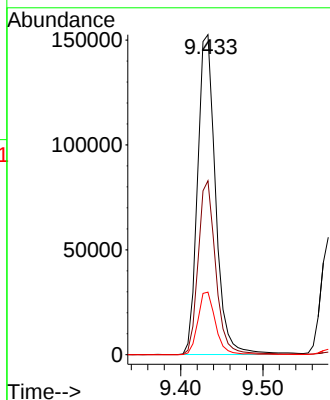
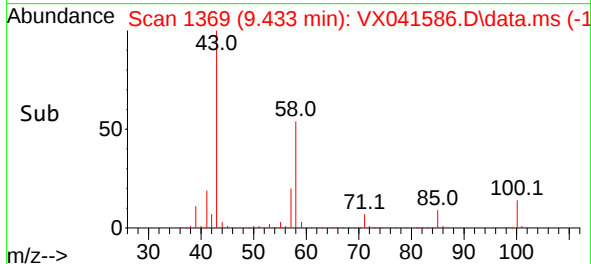
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 231400
Ion Ratio Lower Upper
43 100
58 53.1 42.3 63.5
57 19.0 15.1 22.7

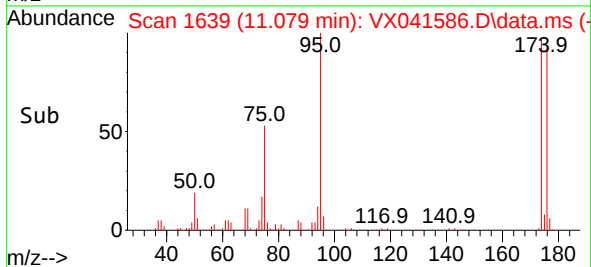
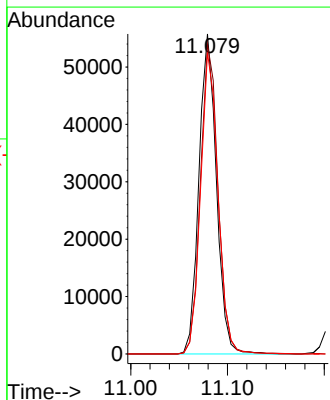
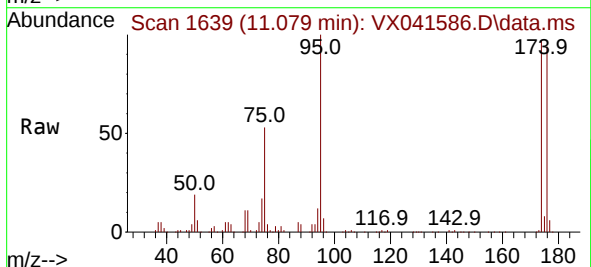
Manual Integrations
APPROVED

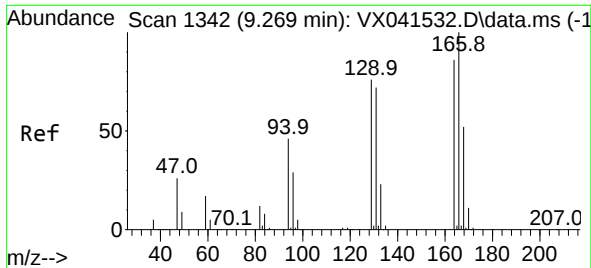
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#60
4-Bromofluorobenzene
Concen: 30.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

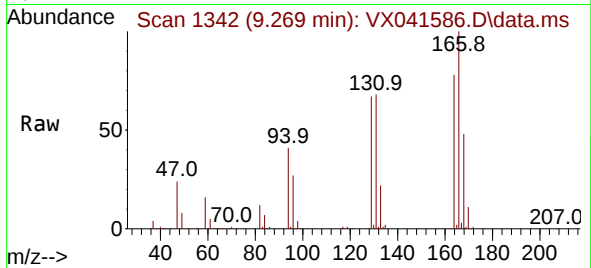
Tgt Ion: 95 Resp: 70099
Ion Ratio Lower Upper
95 100
174 97.7 76.6 115.0
176 94.3 75.4 113.0





#61
Tetrachloroethene
Concen: 20.119 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

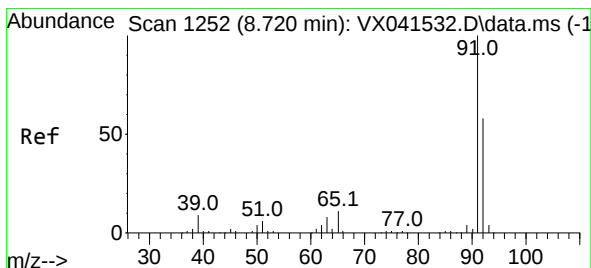
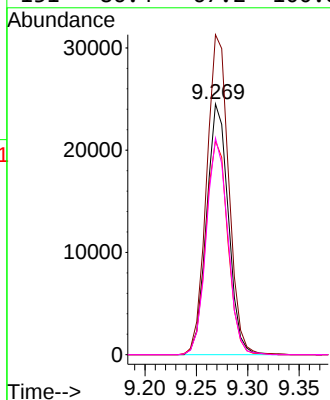
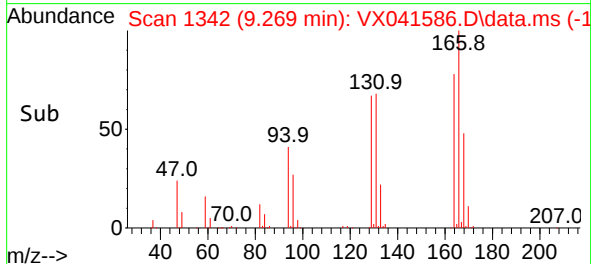
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



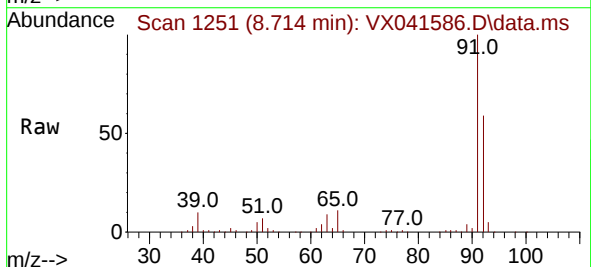
Tgt Ion:164 Resp: 36108
Ion Ratio Lower Upper
164 100
166 127.6 92.8 139.2
129 85.3 70.1 105.1
131 86.4 67.2 100.8

Manual Integrations
APPROVED

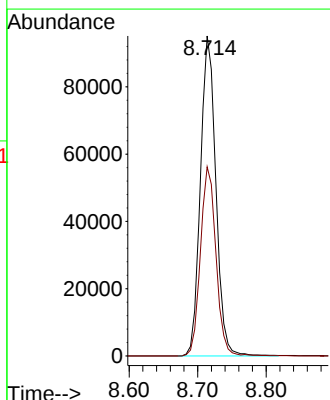
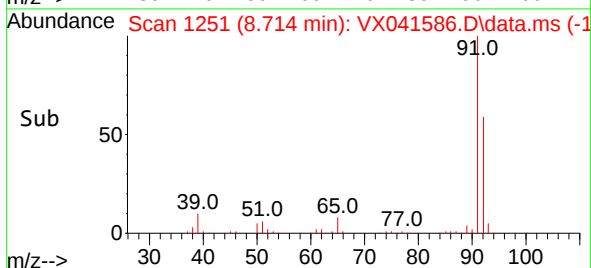
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

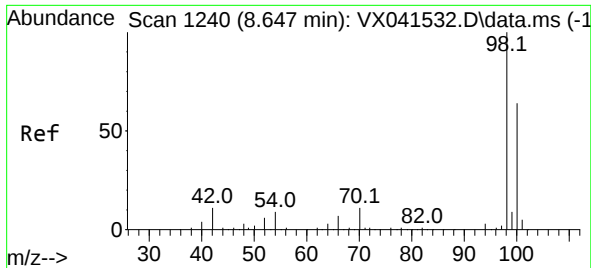


#62
Toluene
Concen: 20.483 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



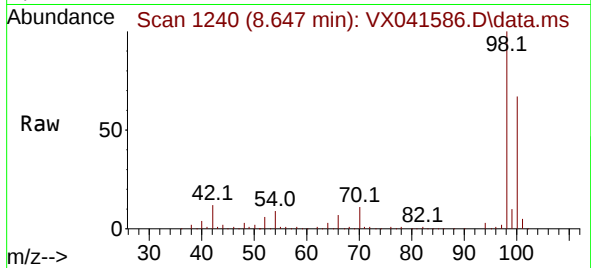
Tgt Ion: 91 Resp: 149511
Ion Ratio Lower Upper
91 100
92 59.0 47.0 70.6





#63
Toluene-d8
Concen: 29.609 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

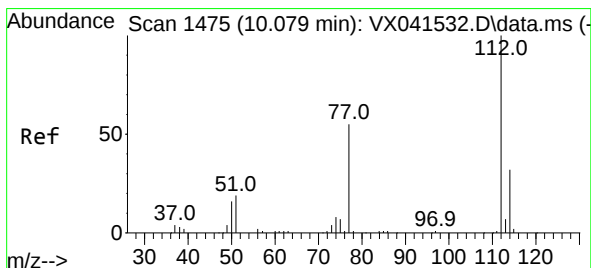
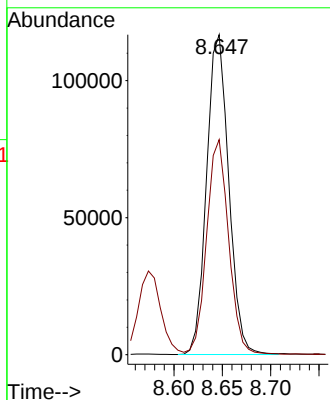
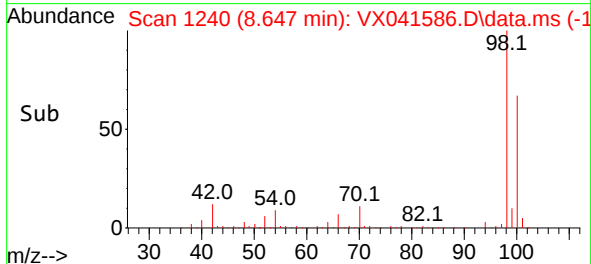
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



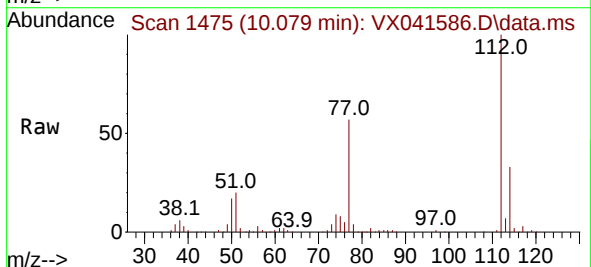
Tgt Ion: 98 Resp: 18618
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

Manual Integrations
APPROVED

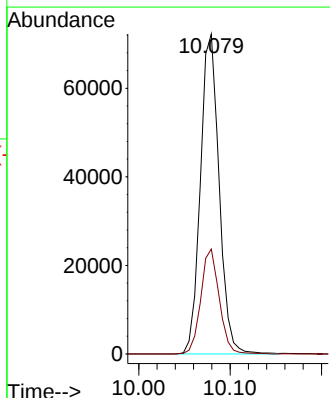
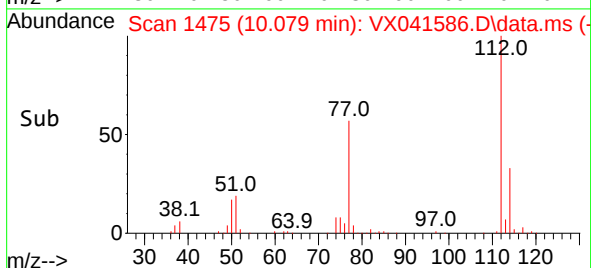
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

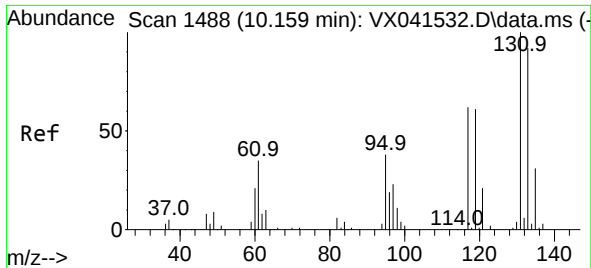


#64
Chlorobenzene
Concen: 20.712 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



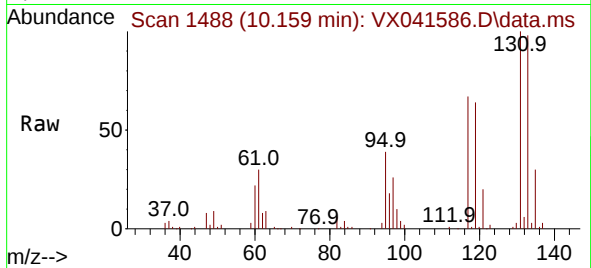
Tgt Ion:112 Resp: 102686
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.866 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

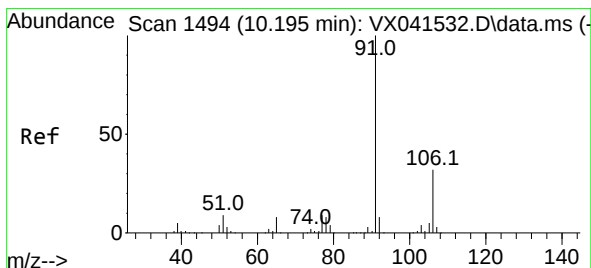
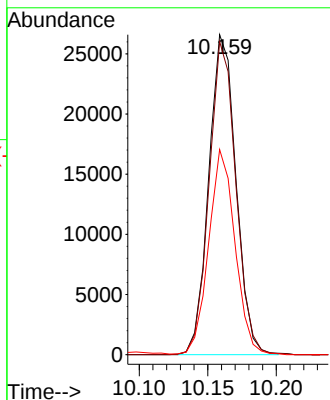
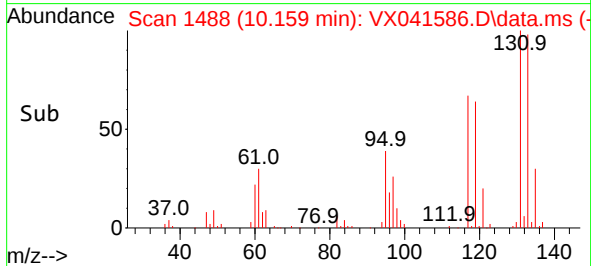
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 3661
Ion Ratio Lower Upper
131 100
133 96.5 0.0 191.6
119 62.2 0.0 126.4

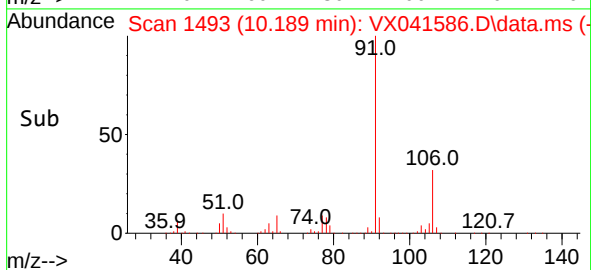
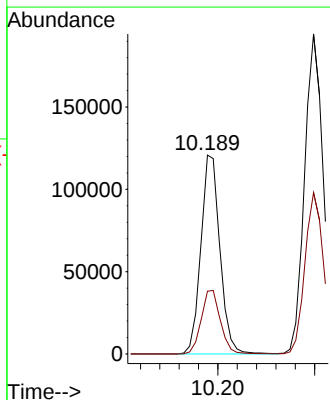
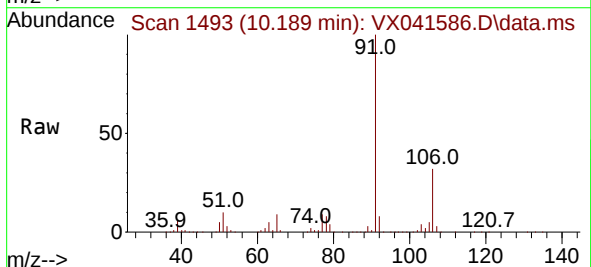
Manual Integrations
APPROVED

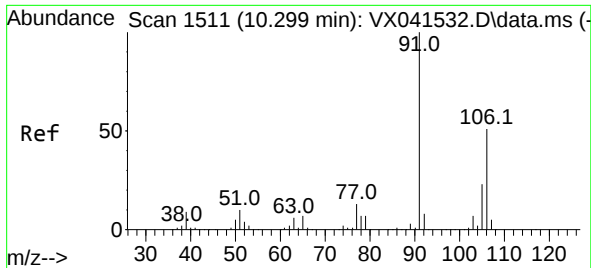
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#66
Ethyl Benzene
Concen: 20.453 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 91 Resp: 165779
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9





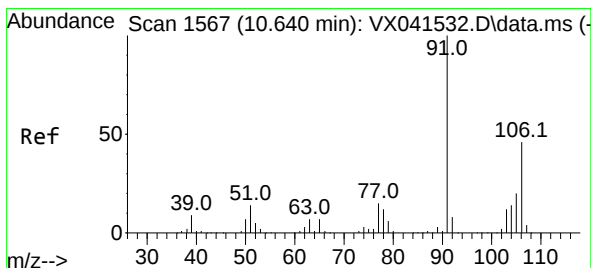
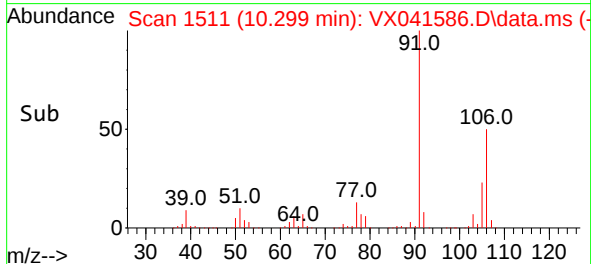
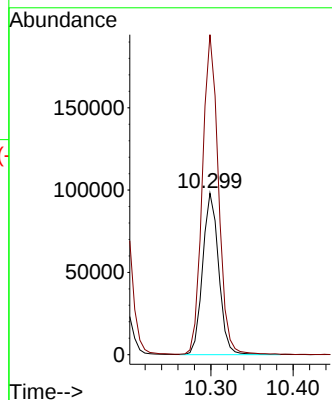
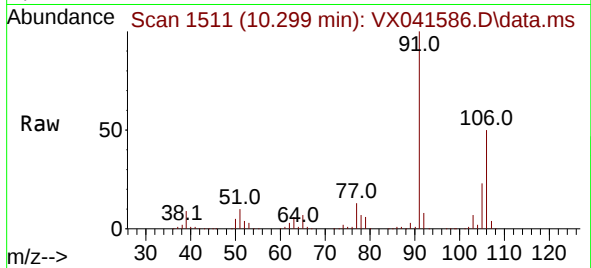
#67
m/p-Xylenes
Concen: 41.981 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 133050
Ion Ratio Lower Upper
106 100
91 198.6 156.5 234.7

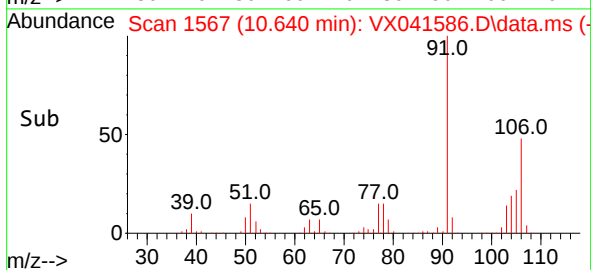
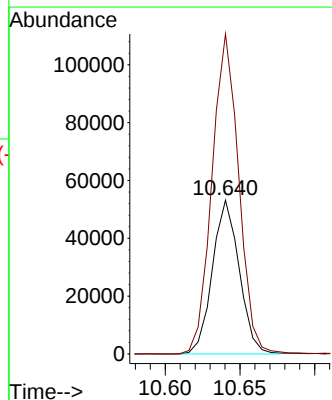
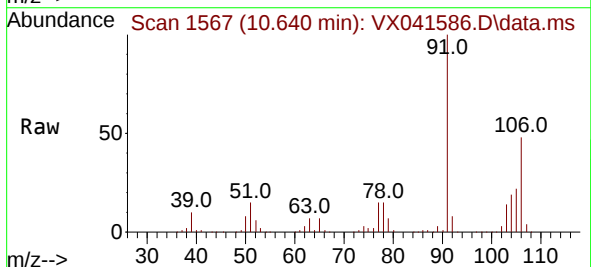
Manual Integrations
APPROVED

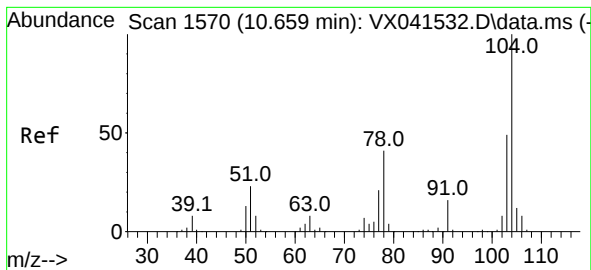
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#68
o-Xylene
Concen: 20.779 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion:106 Resp: 66291
Ion Ratio Lower Upper
106 100
91 208.2 105.2 315.6





#69

Styrene

Concen: 20.897 ug/l

RT: 10.652 min Scan# 11178

Delta R.T. -0.006 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 11178

Ion Ratio Lower Upper

104 100

78 48.6 39.3 58.9

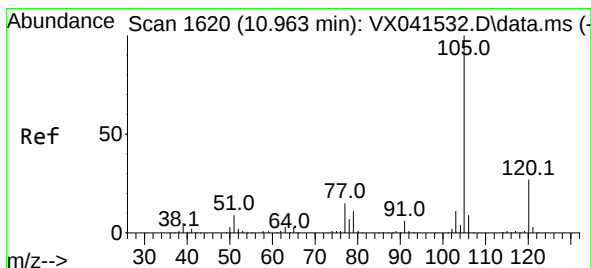
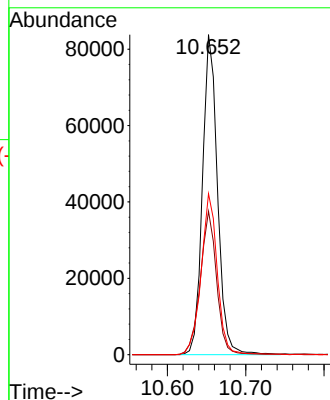
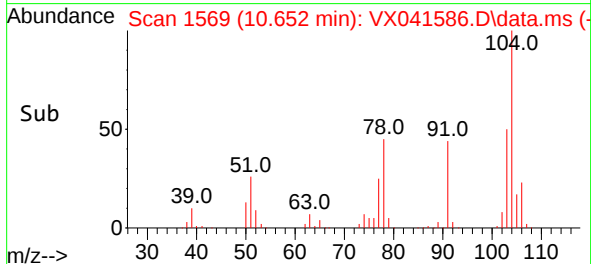
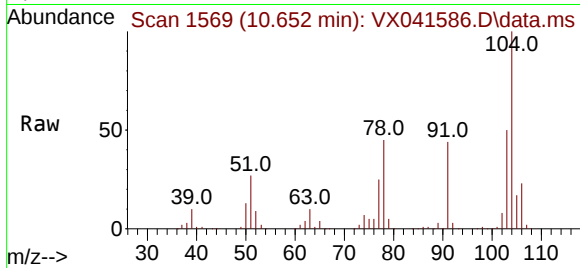
103 54.1 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#70

Isopropylbenzene

Concen: 21.216 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041586.D

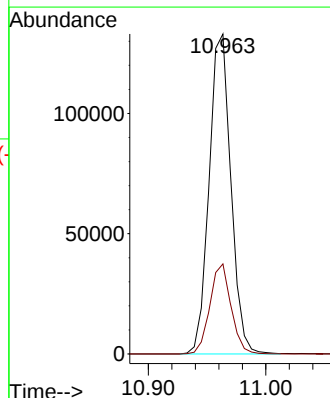
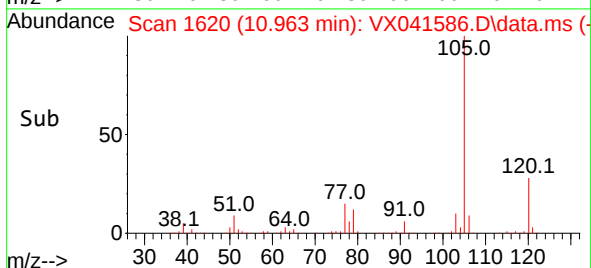
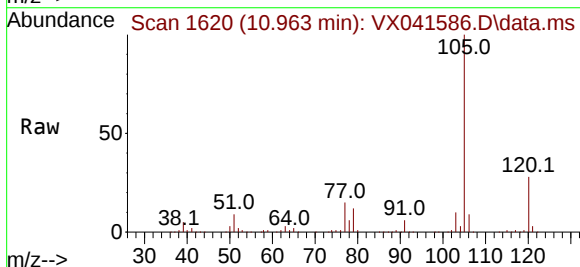
Acq: 21 May 2024 16:53

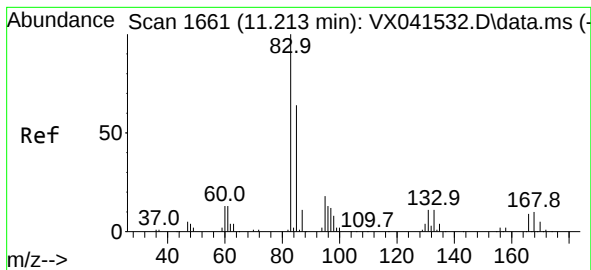
Tgt Ion:105 Resp: 171033

Ion Ratio Lower Upper

105 100

120 27.3 18.8 34.8





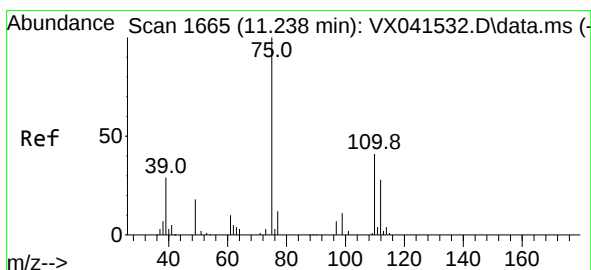
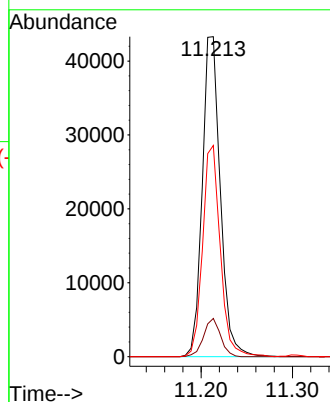
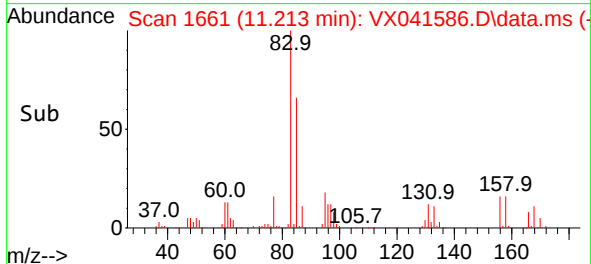
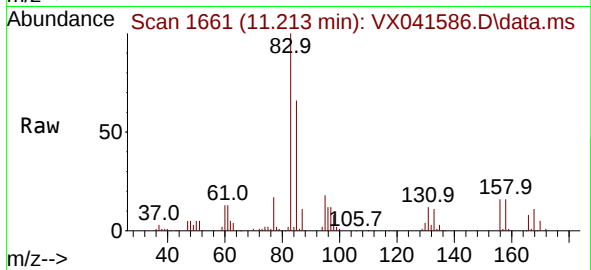
#71
1,1,2,2-Tetrachloroethane
Concen: 21.549 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5967
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 64.5 32.3 96.8

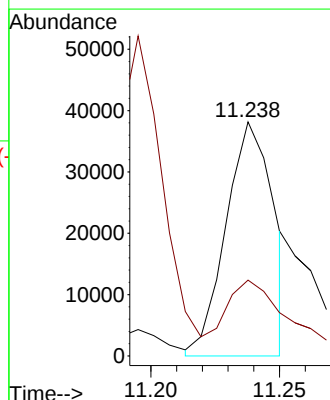
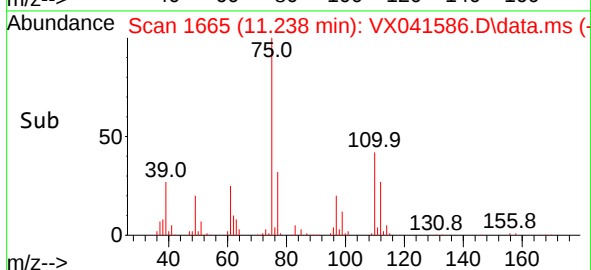
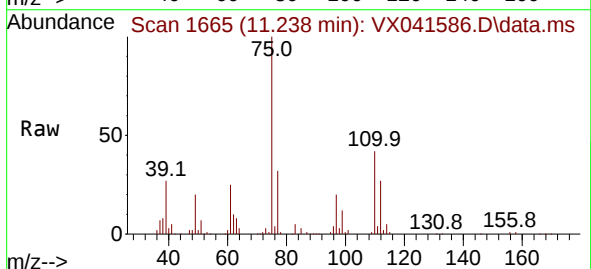
Manual Integrations
APPROVED

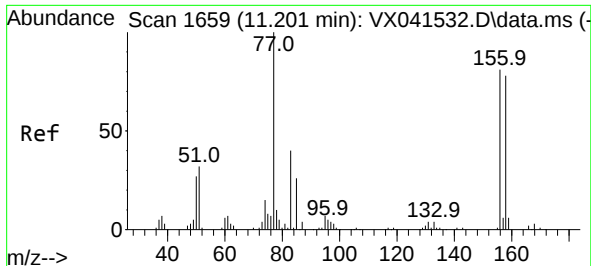
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#72
1,2,3-Trichloropropane
Concen: 19.668 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 75 Resp: 49122
Ion Ratio Lower Upper
75 100
77 43.5 0.0 78.8





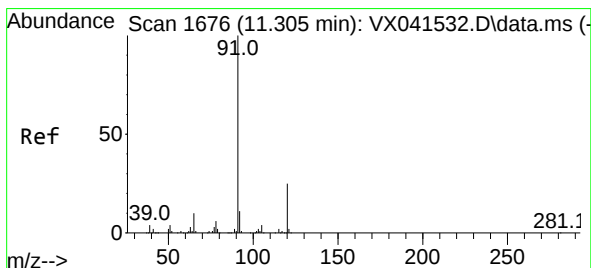
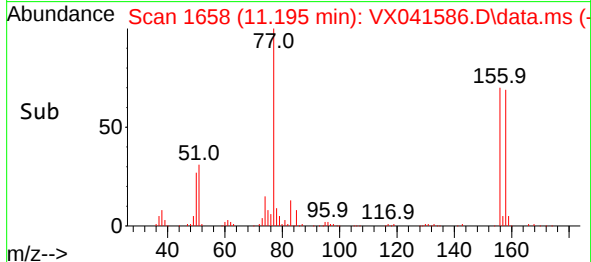
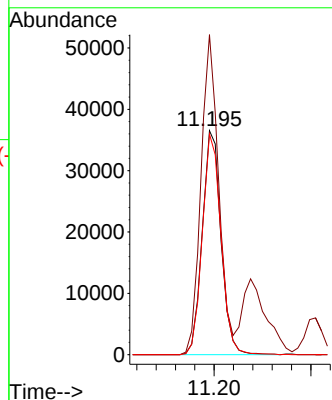
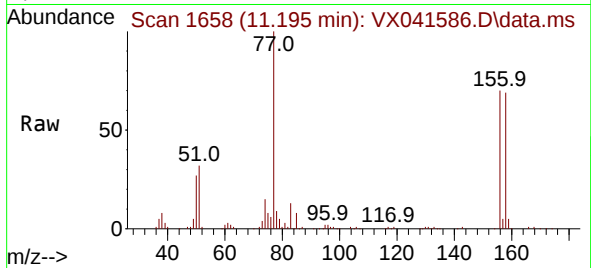
#73
Bromobenzene
Concen: 20.767 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 49192
Ion Ratio Lower Upper
156 100
77 135.0 0.0 267.4
158 98.2 0.0 192.8

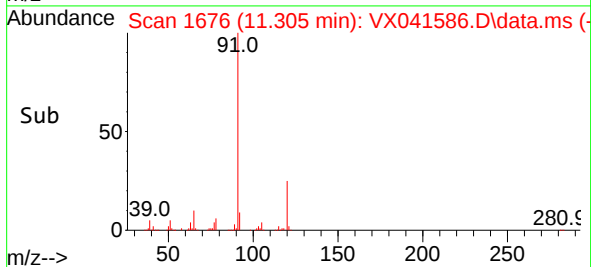
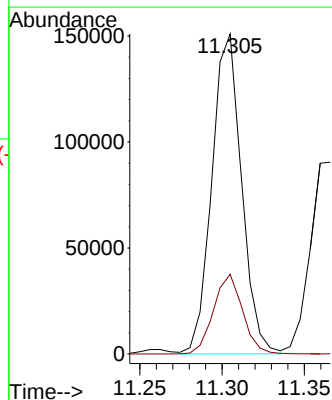
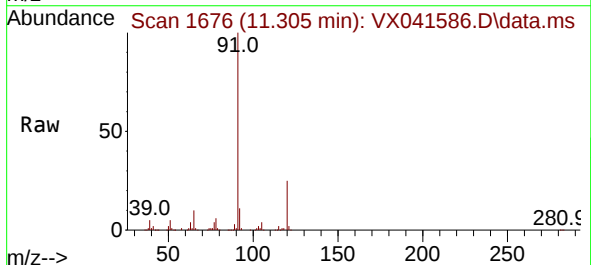
Manual Integrations
APPROVED

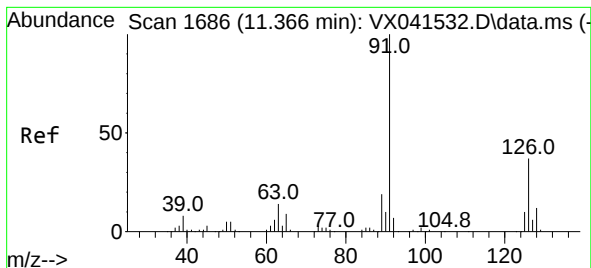
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#74
n-propylbenzene
Concen: 20.877 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 91 Resp: 189778
Ion Ratio Lower Upper
91 100
120 24.4 0.0 48.4





#75

2-Chlorotoluene

Concen: 21.116 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 120540

Ion Ratio Lower Upper

91 100

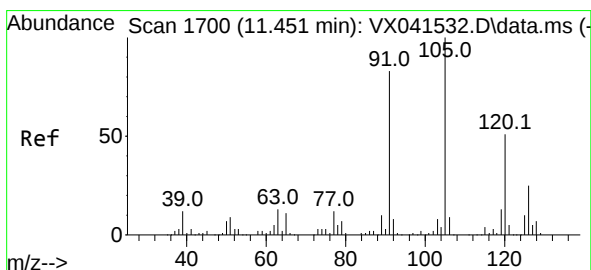
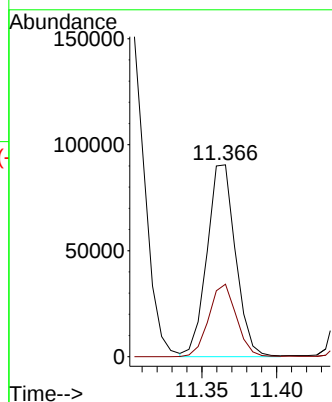
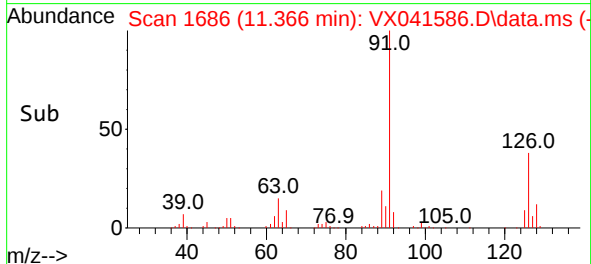
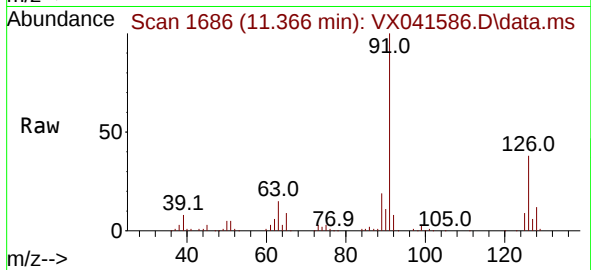
126 36.4 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024

Supervised By :Semsettin Yesilyurt 05/22/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.754 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041586.D

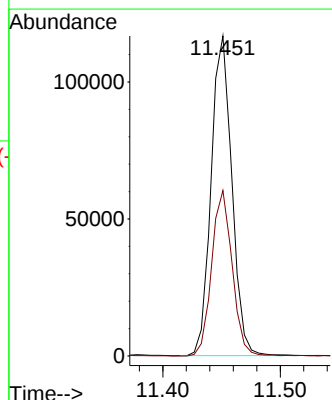
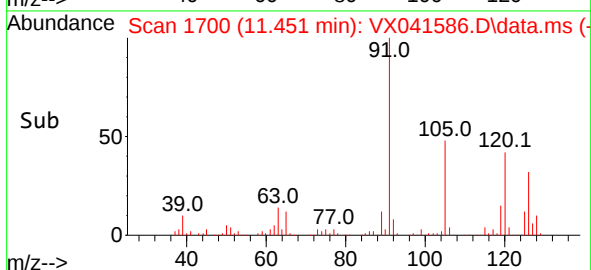
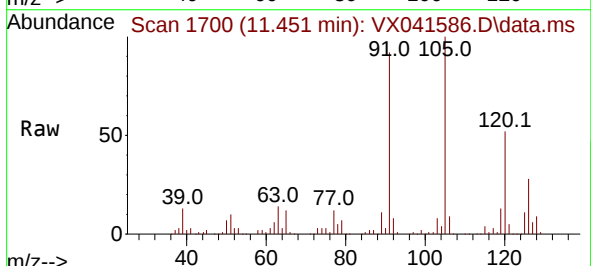
Acq: 21 May 2024 16:53

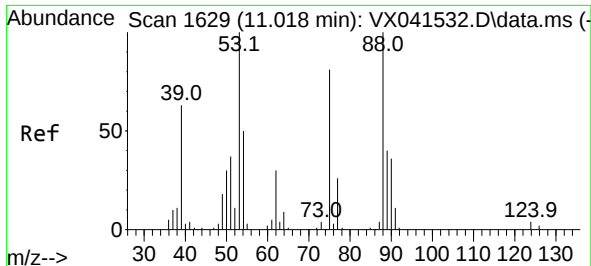
Tgt Ion:105 Resp: 142808

Ion Ratio Lower Upper

105 100

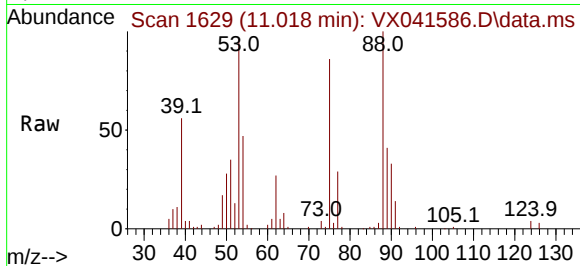
120 51.0 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.618 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

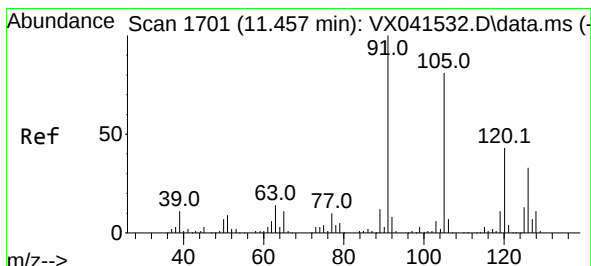
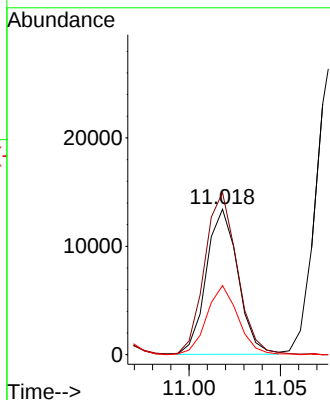
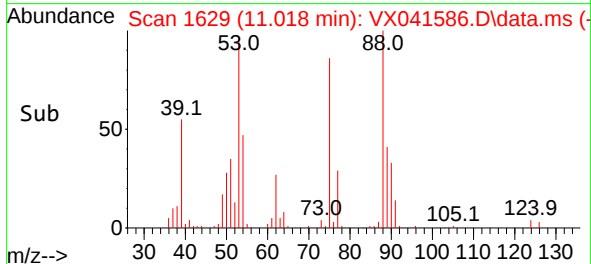
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
53 111.1 61.8 185.3
89 47.3 24.9 74.7

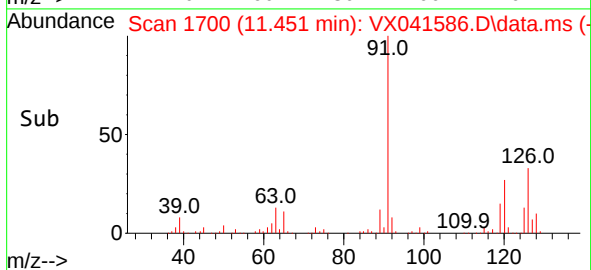
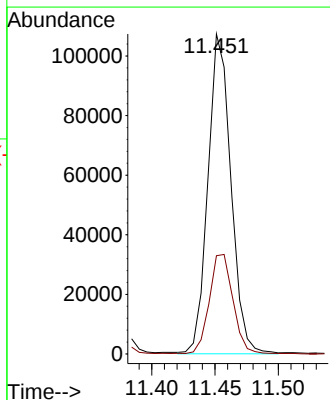
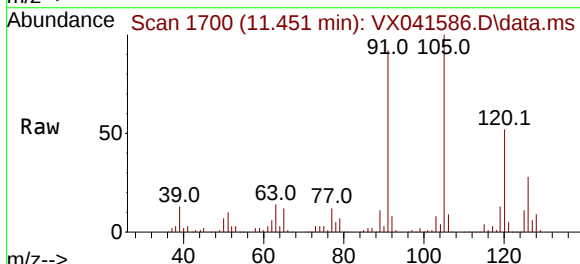
Manual Integrations
APPROVED

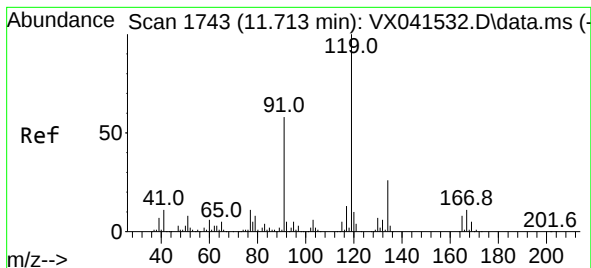
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#78
4-Chlorotoluene
Concen: 20.874 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion: 91 Resp: 135715
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.2





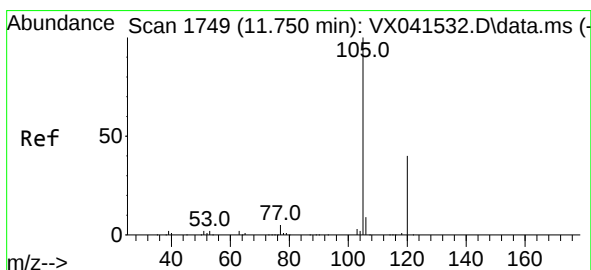
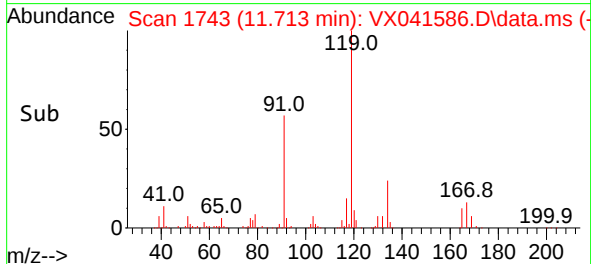
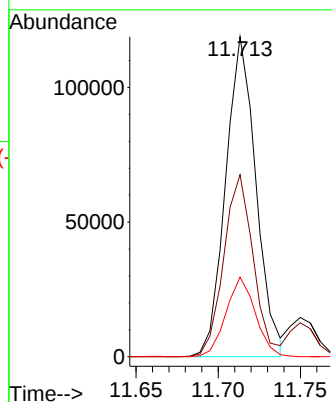
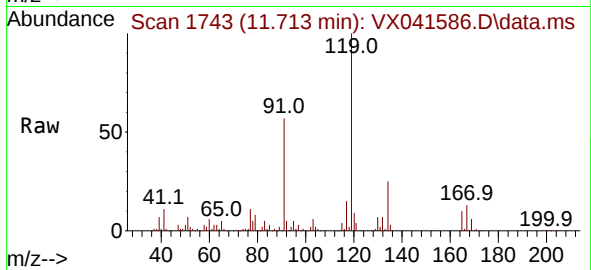
#79
tert-butylbenzene
Concen: 20.881 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 152925
Ion Ratio Lower Upper
119 100
91 55.3 0.0 110.0
134 24.0 0.0 50.0

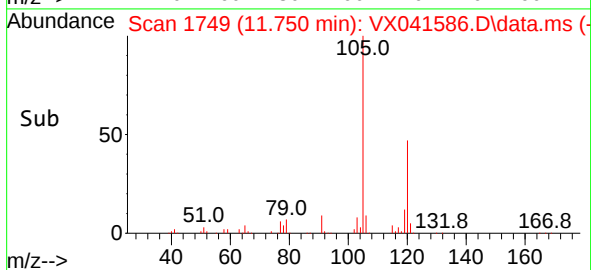
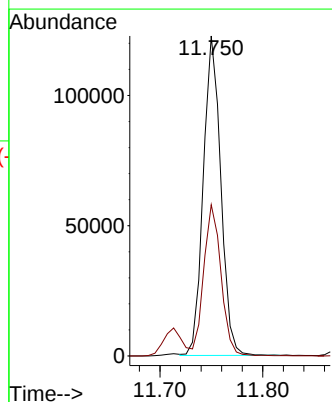
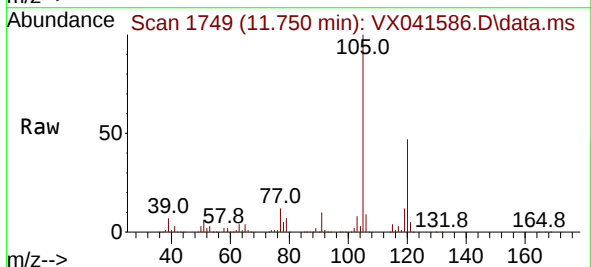
Manual Integrations
APPROVED

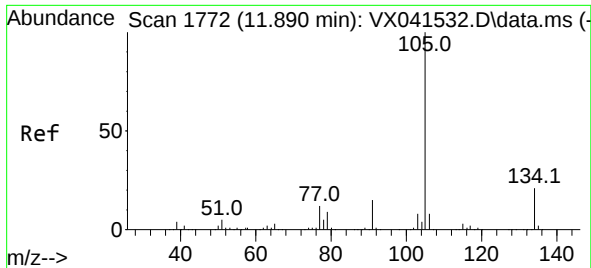
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.038 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

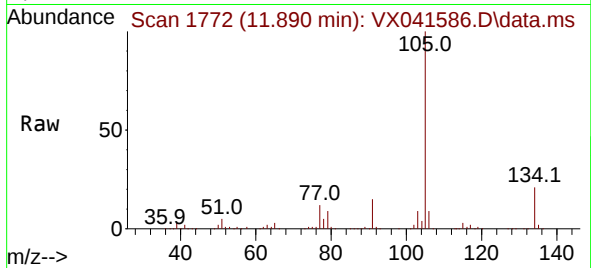
Tgt Ion:105 Resp: 145096
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 20.868 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041586.D
 Acq: 21 May 2024 16:53

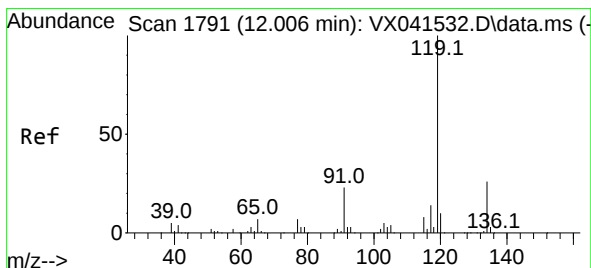
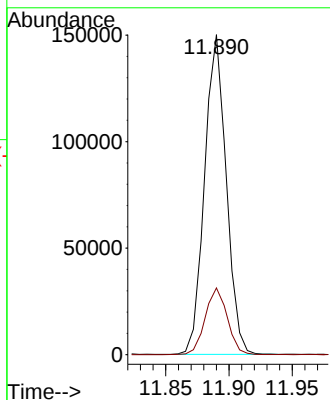
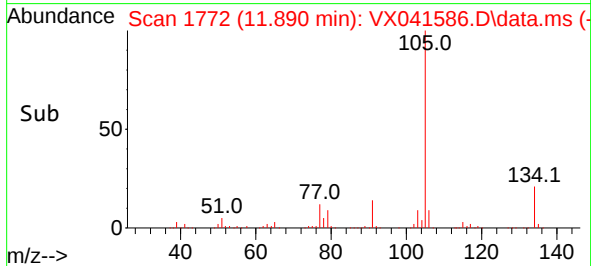
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



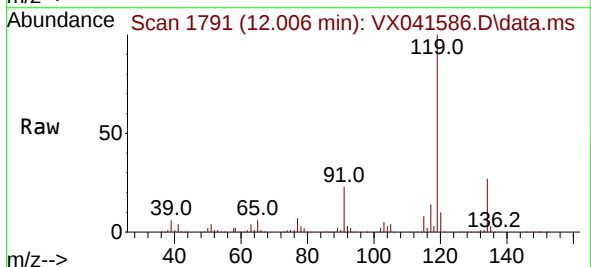
Tgt Ion:105 Resp: 178586
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 43.4

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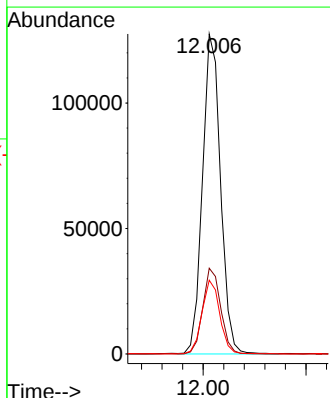
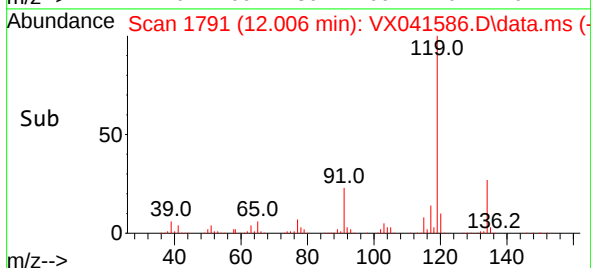
Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

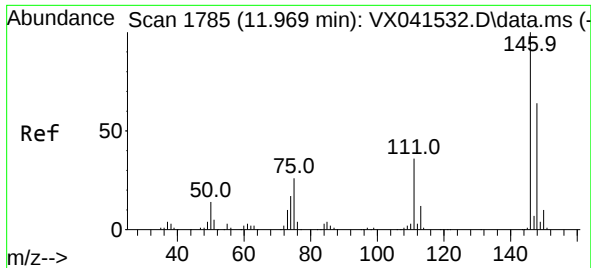


#82
 p-Isopropyltoluene
 Concen: 20.779 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041586.D
 Acq: 21 May 2024 16:53



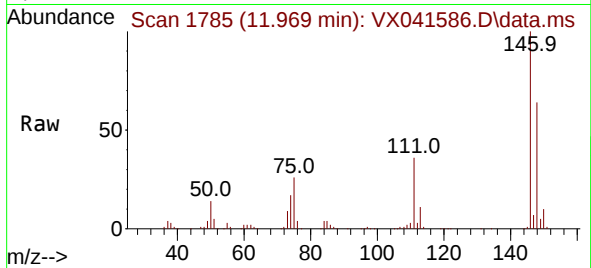
Tgt Ion:119 Resp: 155659
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 22.7 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 20.704 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

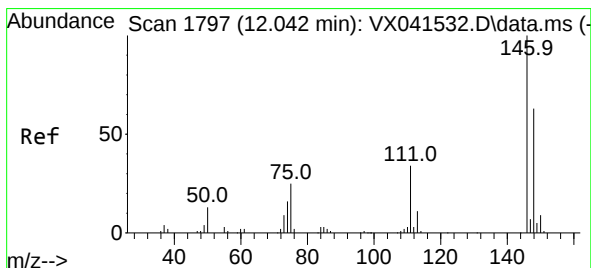
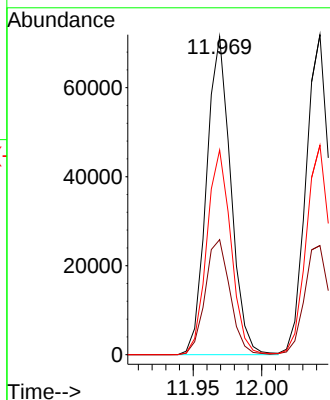
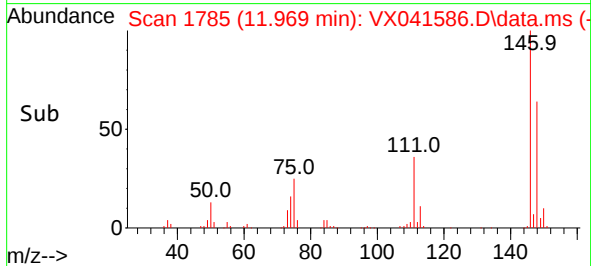
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



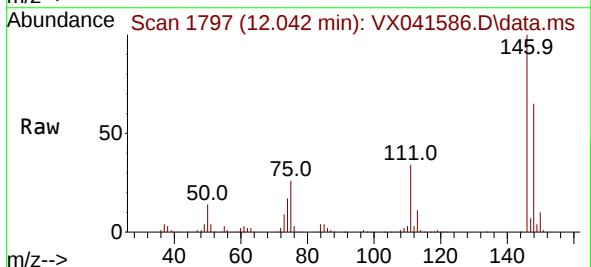
Tgt Ion:146 Resp: 87950
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 64.0 32.3 96.9

Manual Integrations
APPROVED

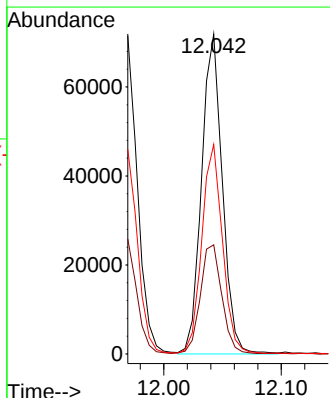
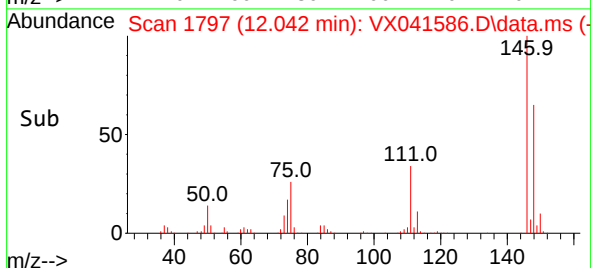
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

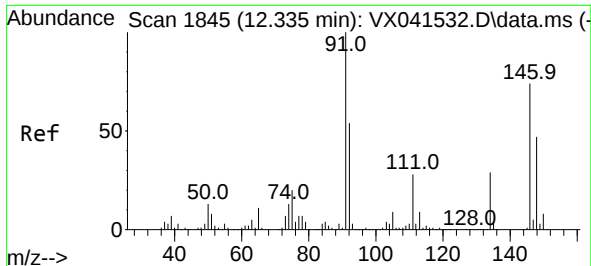


#84
1,4-Dichlorobenzene
Concen: 20.629 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53



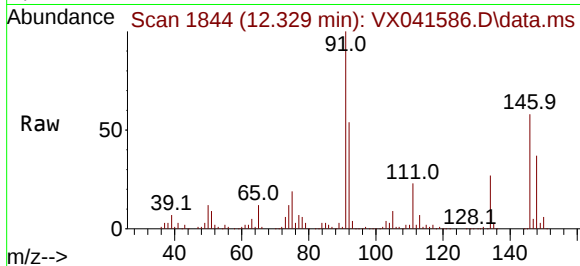
Tgt Ion:146 Resp: 88550
Ion Ratio Lower Upper
146 100
111 35.3 17.8 53.5
148 65.2 31.9 95.5





#85
n-Butylbenzene
Concen: 19.887 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

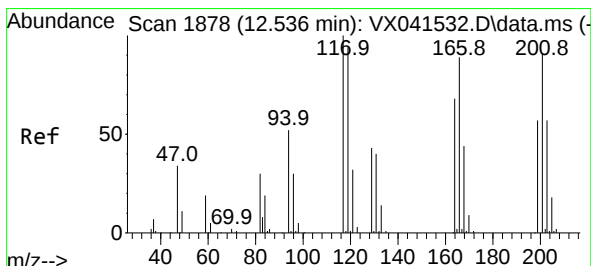
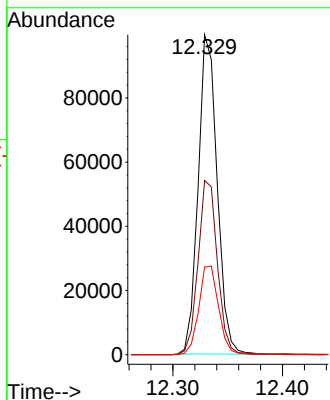
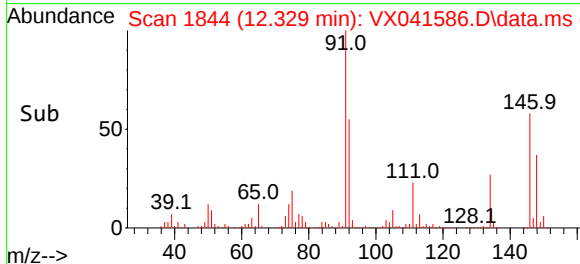
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 119880
Ion Ratio Lower Upper
91 100
92 55.6 0.0 108.4
134 29.0 0.0 56.6

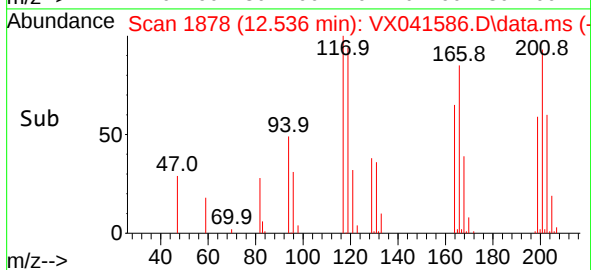
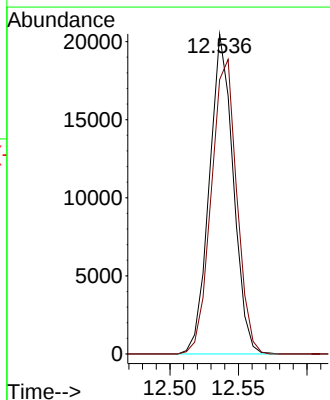
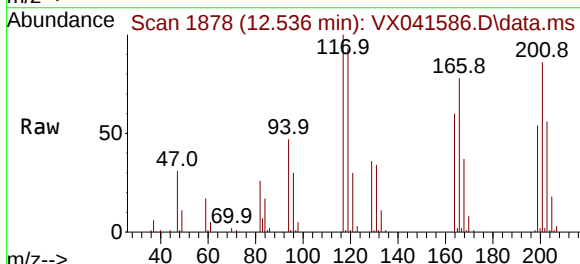
Manual Integrations
APPROVED

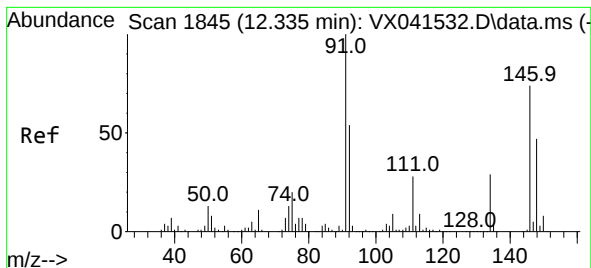
Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024



#86
Hexachloroethane
Concen: 19.709 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion:117 Resp: 24858
Ion Ratio Lower Upper
117 100
201 98.0 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 20.765 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041586.D

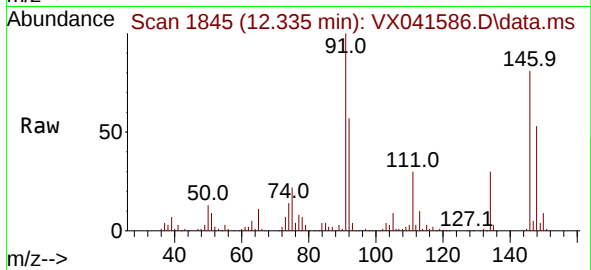
Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

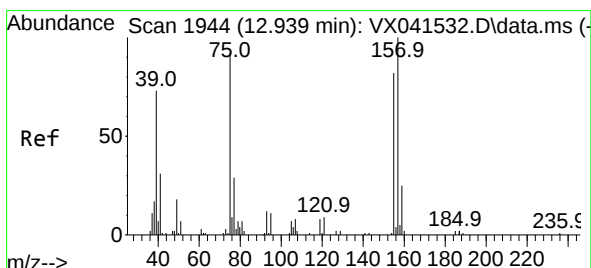
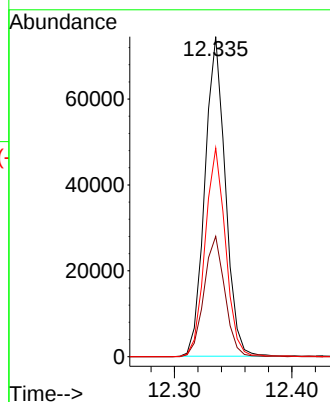
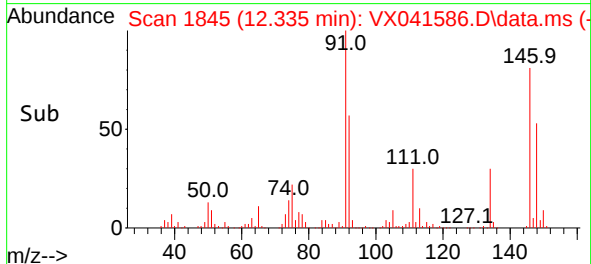


Tgt Ion:	146	Resp:	9003
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.3	57.9
148	65.4	31.8	95.4

Manual Integrations

APPROVED

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



#88

1,2-Dibromo-3-Chloropropane

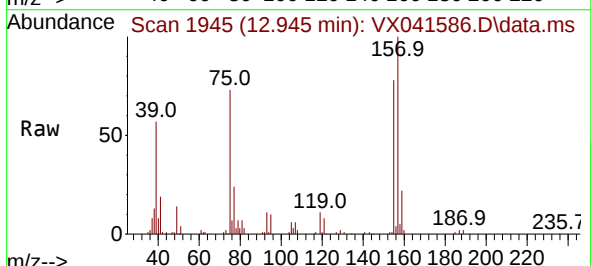
Concen: 21.273 ug/l

RT: 12.945 min Scan# 1945

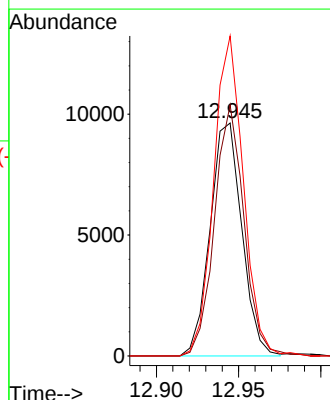
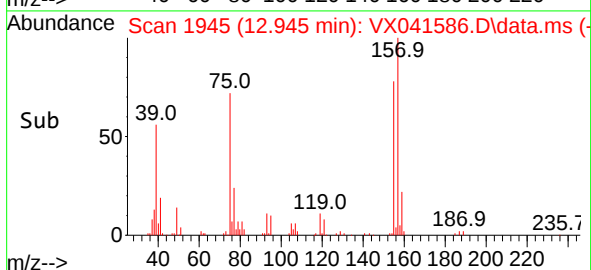
Delta R.T. 0.006 min

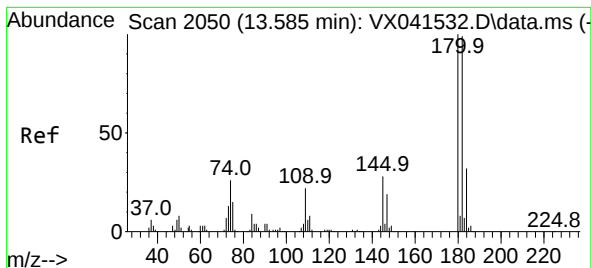
Lab File: VX041586.D

Acq: 21 May 2024 16:53



Tgt Ion:	75	Resp:	12938
Ion Ratio	Lower	Upper	
75	100		
155	100.2	80.4	120.6
157	127.9	102.2	153.2





#89

1,2,4-Trichlorobenzene

Concen: 20.784 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

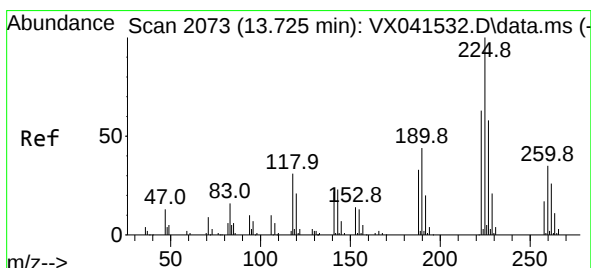
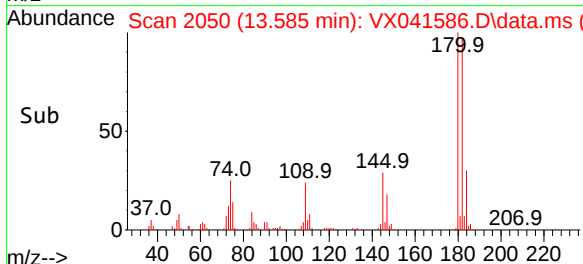
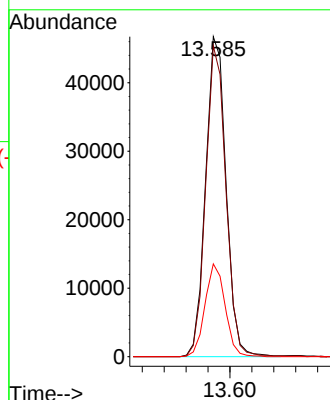
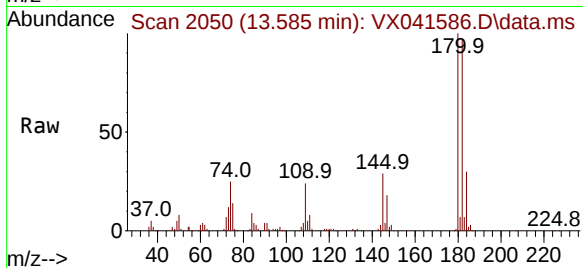
VSTDCCC020EC

Tgt Ion:	180	Resp:	6055
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.0	115.4
145	28.5	22.7	34.1

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 21.186 ug/l

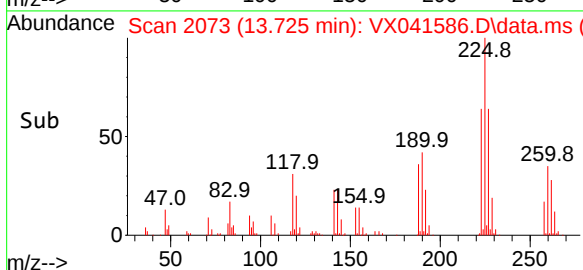
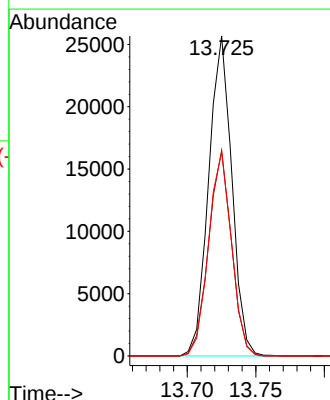
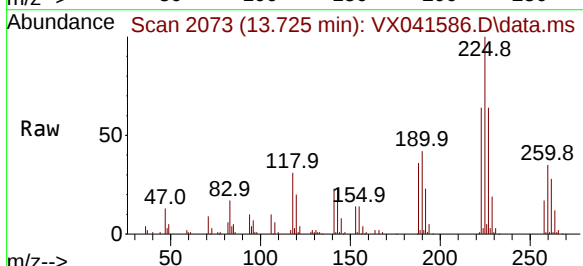
RT: 13.725 min Scan# 2073

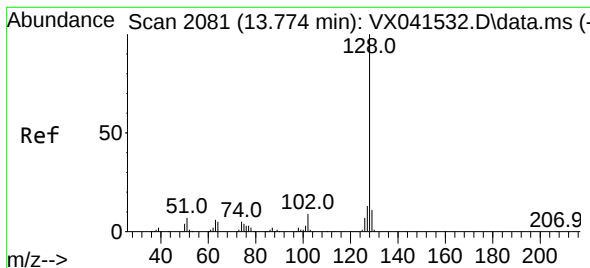
Delta R.T. 0.000 min

Lab File: VX041586.D

Acq: 21 May 2024 16:53

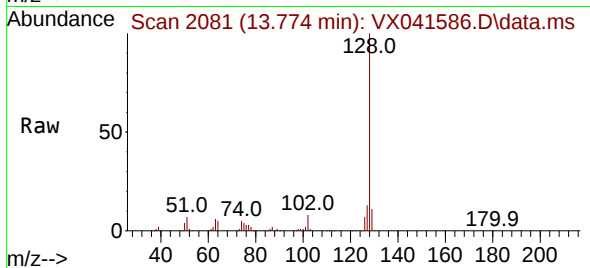
Tgt Ion:	225	Resp:	30114
Ion Ratio	Lower	Upper	
225	100		
223	63.4	0.0	125.8
227	63.3	0.0	125.6





#91
Naphthalene
Concen: 21.694 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

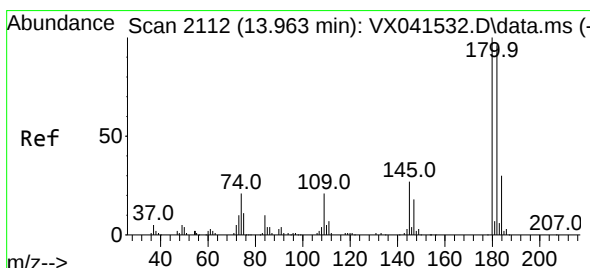
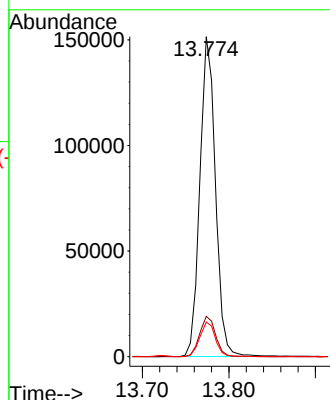
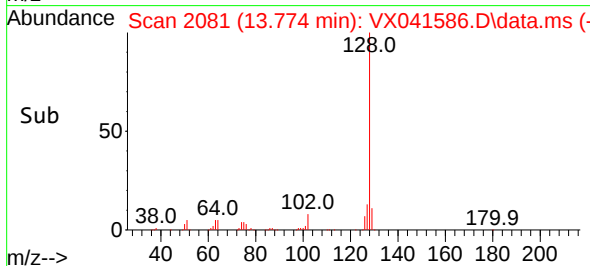
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 18890
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 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: 21.530 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041586.D
Acq: 21 May 2024 16:53

Tgt Ion:180 Resp: 64088
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 29.7 0.0 58.6

