

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041532.D
 Acq On : 15 May 2024 11:57
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28511	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	159510	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148084	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	67590	30.104	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.333%			
60) 4-Bromofluorobenzene	11.079	95	70517	30.504	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.667%			
63) Toluene-d8	8.647	98	192735	30.363	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27416	18.385	ug/l	100
3) Chloromethane	1.294	50	32286	19.771	ug/l	100
4) Vinyl Chloride	1.374	62	33538	19.507	ug/l	100
5) Bromomethane	1.599	94	20581	18.821	ug/l	100
6) Chloroethane	1.666	64	16698	19.552	ug/l	100
7) Trichlorofluoromethane	1.867	101	51463	19.720	ug/l	100
8) Diethyl Ether	2.136	74	18403	18.883	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	31996	21.143	ug/l	100
10) 1,1-Dichloroethene	2.312	96	30861	21.157	ug/l	100
11) Methyl Iodide	2.447	142	33937	19.533	ug/l	100
12) Methyl Acetate	2.709	43	43654	19.879	ug/l	100
13) Acrolein	2.239	56	27250	101.888	ug/l	100
14) Acrylonitrile	3.068	53	92619	95.890	ug/l	100
15) Acetone	2.392	58	27074	104.616	ug/l	100
16) Carbon Disulfide	2.501	76	61590	18.701	ug/l	100
17) Allyl chloride	2.660	41	51436	19.870	ug/l	100
18) Methylene Chloride	2.788	84	35123	20.245	ug/l	100
19) trans-1,2-Dichloroethene	3.087	96	32425	19.385	ug/l	100
20) Diisopropyl ether	3.763	45	106571	19.594	ug/l	100
21) 1,1-Dichloroethane	3.605	63	58756	19.248	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	38603	18.992	ug/l	100
23) tert-Butyl Alcohol	3.007	59	39334	94.571	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	104493	19.187	ug/l	100
25) Chloroform	5.092	83	63023	19.380	ug/l	100
26) Cyclohexane	5.464	56	49330	19.379	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	40942	19.404	ug/l	100
30) 2-Butanone	4.568	43	137072	97.871	ug/l	100
31) 2,2-Dichloropropane	4.471	77	48503	19.586	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	54893	19.389	ug/l	100
33) Carbon Tetrachloride	5.678	117	46438	19.170	ug/l	100
34) Benzene	6.037	78	132158	19.832	ug/l	100
35) Methacrylonitrile	4.934	41	27699	19.606	ug/l	100
36) 1,2-Dichloroethane	6.092	62	49004	19.706	ug/l	100
37) Trichloroethene	7.123	130	36252	19.525	ug/l	100
38) Methylcyclohexane	7.379	83	52474	19.586	ug/l	100
39) 1,2-Dichloropropane	7.433	63	31564	20.038	ug/l	100
40) Dibromomethane	7.580	93	23732	19.143	ug/l	100
41) Bromodichloromethane	7.824	83	43998	18.904	ug/l	100
42) Vinyl Acetate	3.721	43	475709	97.898	ug/l	100

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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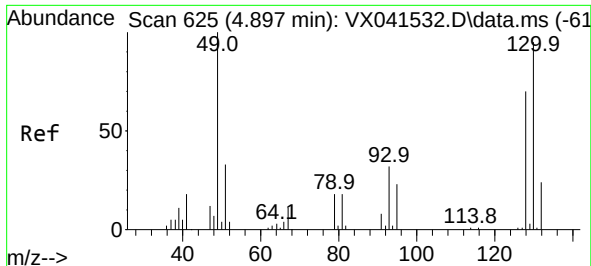
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:56:42 2024
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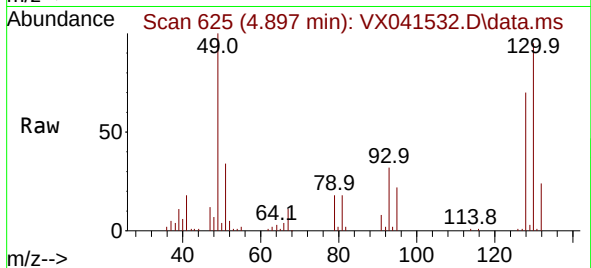
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	52782	19.532	ug/l	100
44) Isopropyl Acetate	6.342	43	78675	19.260	ug/l	100
45) 1,4-Dioxane	7.671	88	18347m	418.804	ug/l	
46) Methyl methacrylate	7.696	41	39029	19.203	ug/l	100
47) n-amyl Acetate	10.841	43	70376	18.998	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	43003	18.398	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	47515	18.768	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	33559	19.459	ug/l	100
51) Ethyl methacrylate	9.116	69	52421	18.884	ug/l	100
52) 1,3-Dichloropropane	9.311	76	56347	19.772	ug/l	100
53) Dibromochloromethane	9.525	129	36285	18.491	ug/l	100
54) 1,2-Dibromoethane	9.610	107	35924	19.643	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	134672	99.390	ug/l	100
56) Bromoform	10.799	173	27653	17.583	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	271279	100.261	ug/l	100
59) 2-Hexanone	9.433	43	210793	97.793	ug/l	100
61) Tetrachloroethene	9.269	164	35437	19.559	ug/l	100
62) Toluene	8.720	91	145377	19.730	ug/l	100
64) Chlorobenzene	10.079	112	97304	19.441	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	33959	19.170	ug/l	100
66) Ethyl Benzene	10.195	91	160938	19.669	ug/l	100
67) m/p-Xylenes	10.299	106	129005	40.320	ug/l	100
68) o-Xylene	10.640	106	62552	19.422	ug/l	100
69) Styrene	10.659	104	104173	19.291	ug/l	100
70) Isopropylbenzene	10.963	105	164152	20.171	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	54766	19.589	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	49979m	20.264	ug/l	
73) Bromobenzene	11.201	156	46119	19.287	ug/l	100
74) n-propylbenzene	11.305	91	179656	19.578	ug/l	100
75) 2-Chlorotoluene	11.366	91	113888	19.763	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	135470	19.502	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14245	17.976	ug/l	100
78) 4-Chlorotoluene	11.457	91	129039	19.660	ug/l	100
79) tert-butylbenzene	11.713	119	144140	19.496	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	137759	19.786	ug/l	100
81) sec-Butylbenzene	11.890	105	168081	19.456	ug/l	100
82) p-Isopropyltoluene	12.006	119	146162	19.327	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	82107	19.145	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	83018	19.158	ug/l	100
85) n-Butylbenzene	12.335	91	112949	18.561	ug/l	100
86) Hexachloroethane	12.536	117	23054	18.104	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	84682	19.346	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11525	18.771	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	55088	18.730	ug/l	100
90) Hexachlorobutadiene	13.725	225	27514	19.175	ug/l	100
91) Naphthalene	13.774	128	167761	19.084	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	58080	19.328	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

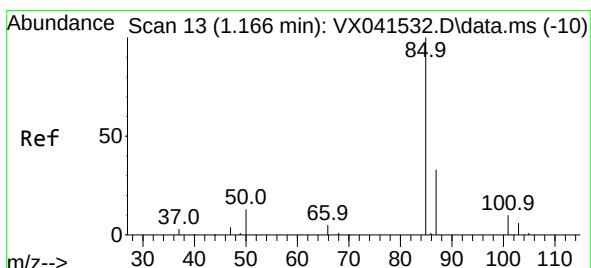
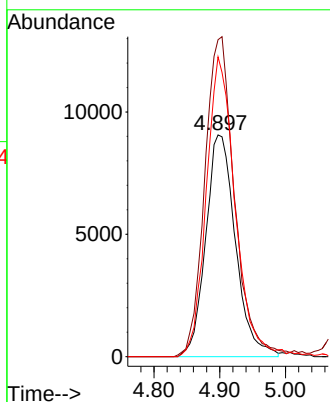
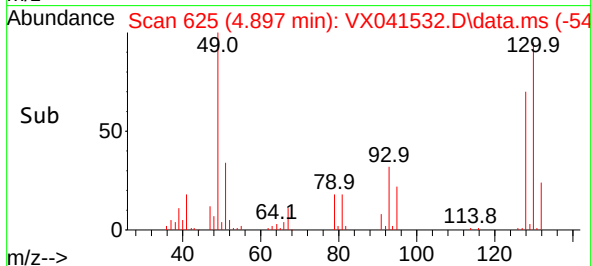
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 2851
Ion Ratio Lower Upper
128 100
49 144.6 0.0 361.5
130 129.7 0.0 324.3

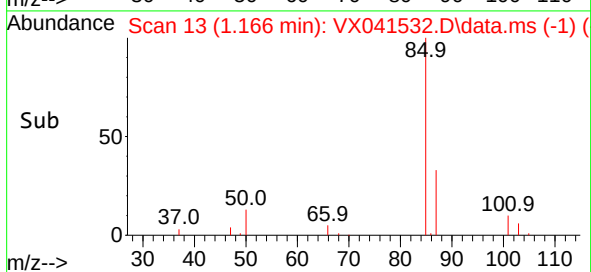
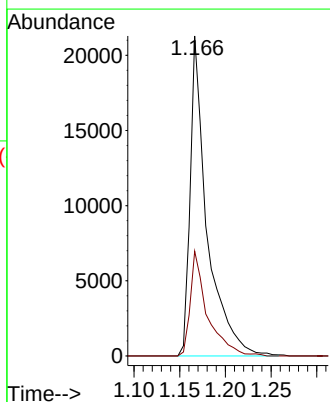
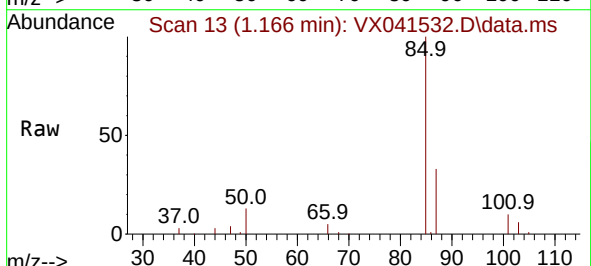
Manual Integrations
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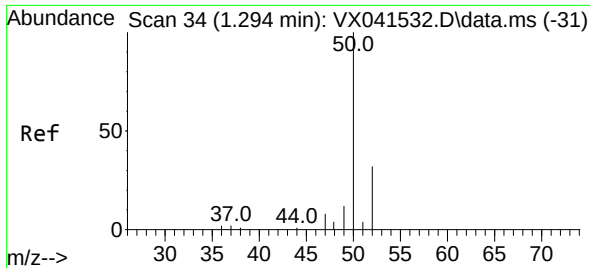
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 18.385 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 85 Resp: 27416
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





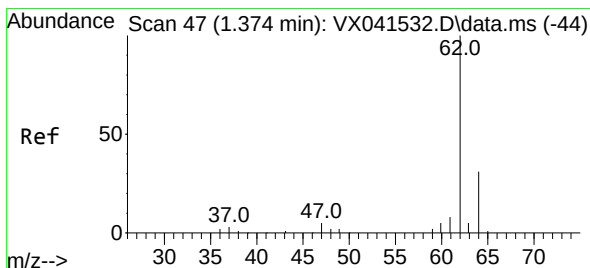
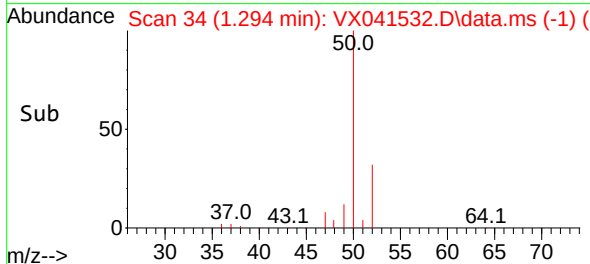
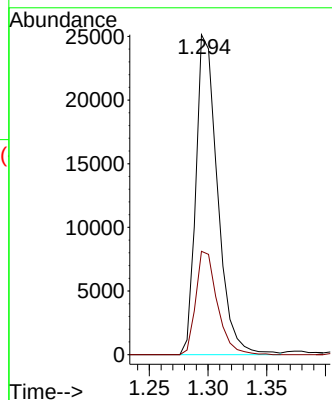
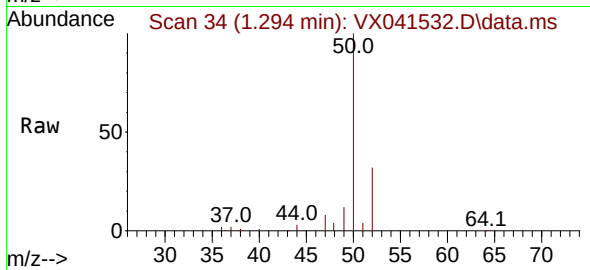
#3
Chloromethane
Concen: 19.771 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 32280
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8

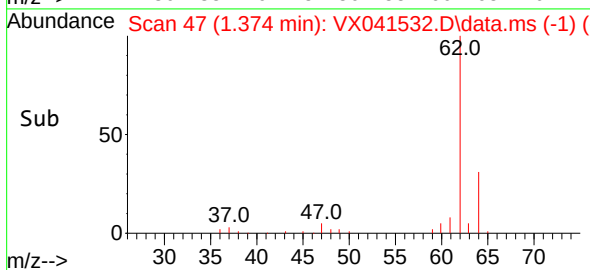
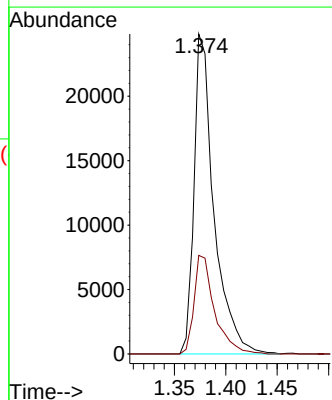
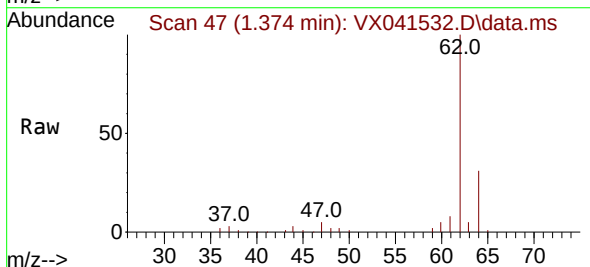
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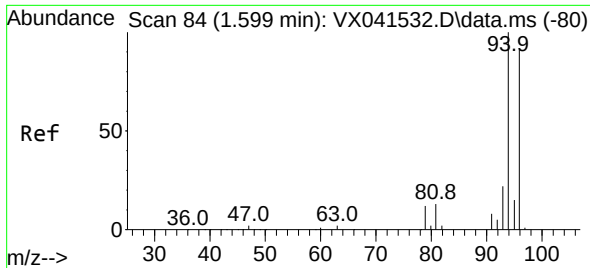
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 19.507 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

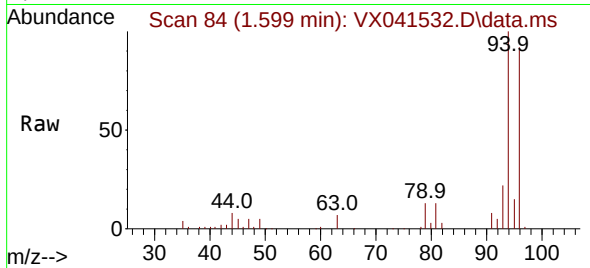
Tgt Ion: 62 Resp: 33538
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#5
Bromomethane
Concen: 18.821 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

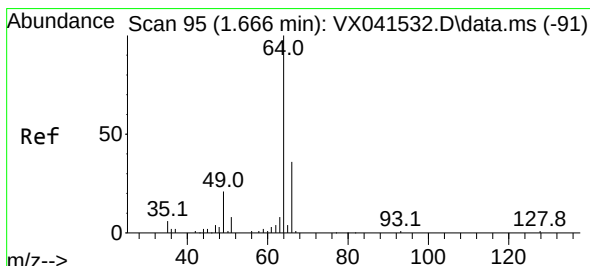
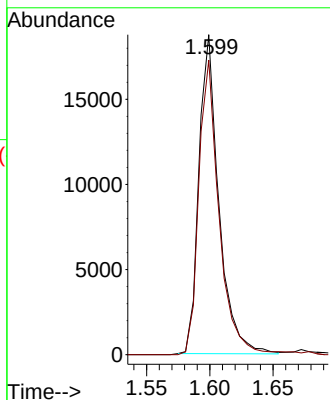
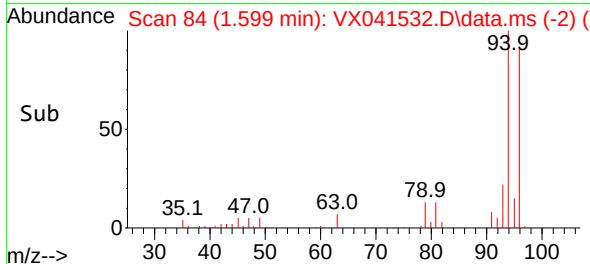
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 2058
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9

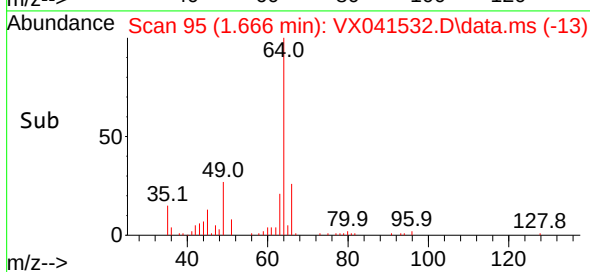
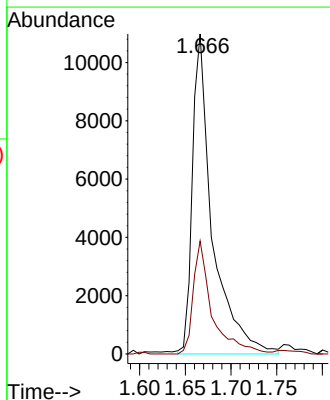
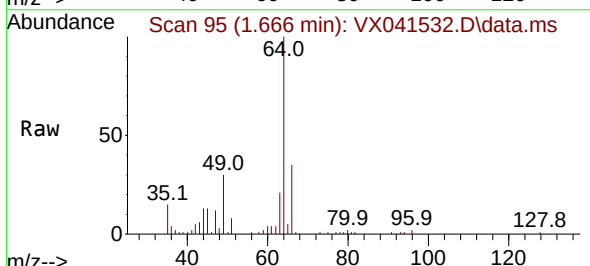
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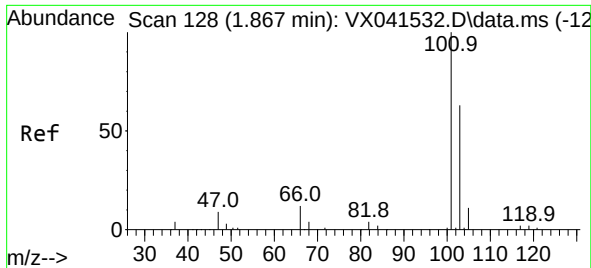
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#6
Chloroethane
Concen: 19.552 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

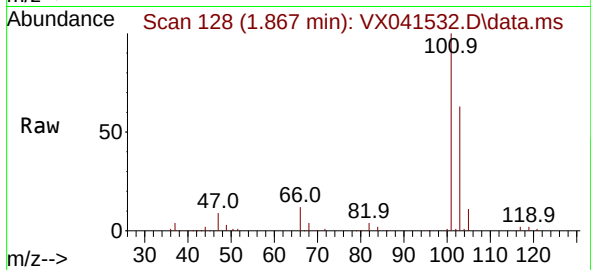
Tgt Ion: 64 Resp: 16698
Ion Ratio Lower Upper
64 100
66 35.7 28.6 42.8





#7
 Trichlorofluoromethane
 Concen: 19.720 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

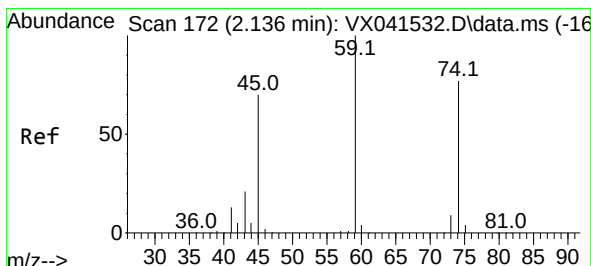
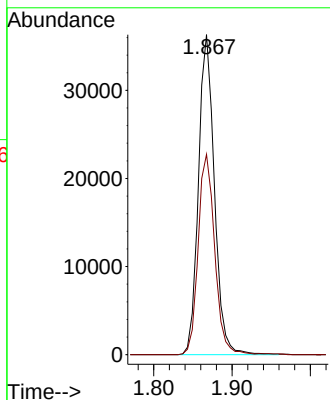
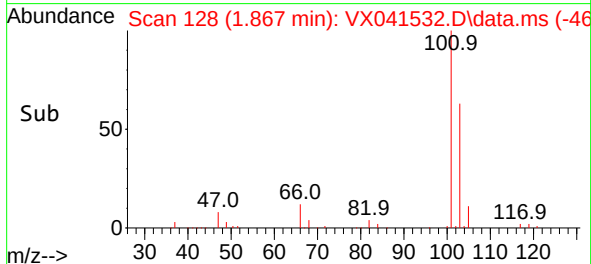
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion:101 Resp: 5146
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

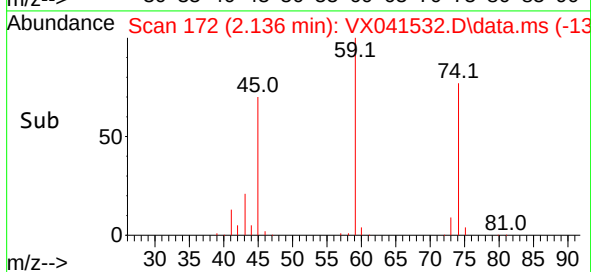
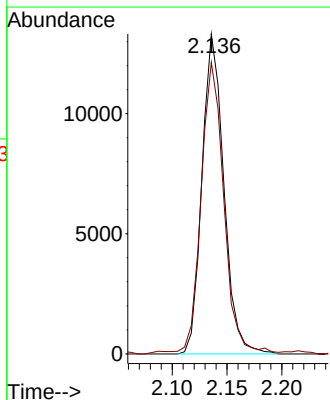
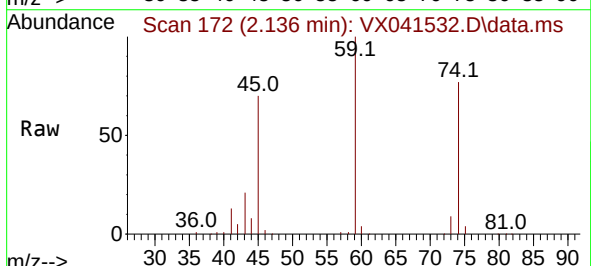
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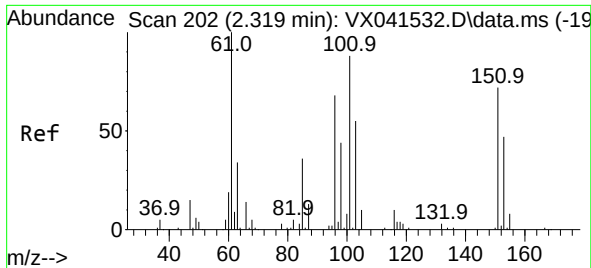
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#8
 Diethyl Ether
 Concen: 18.883 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

Tgt Ion: 74 Resp: 18403
 Ion Ratio Lower Upper
 74 100
 45 93.0 18.6 167.4





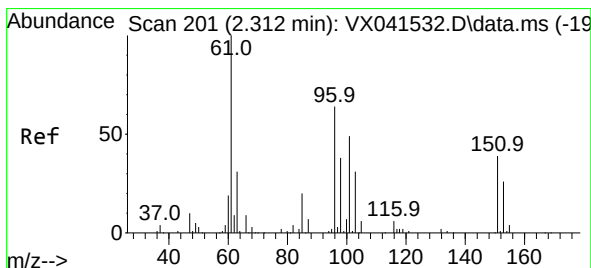
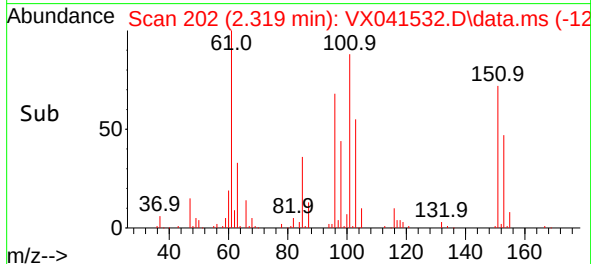
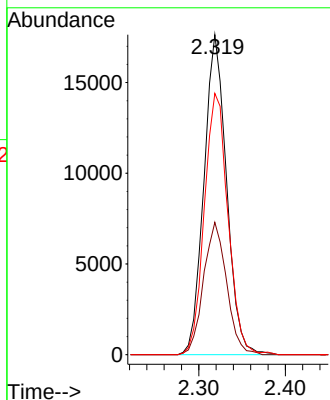
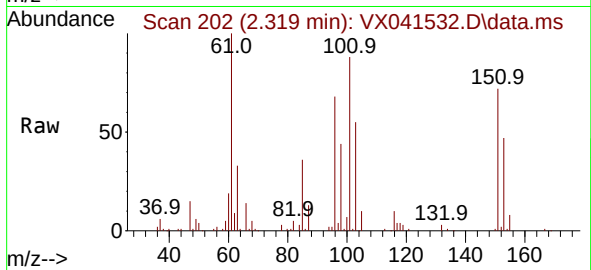
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.143 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 31990
Ion Ratio Lower Upper
101 100
85 42.3 0.0 84.6
151 85.1 0.0 170.2

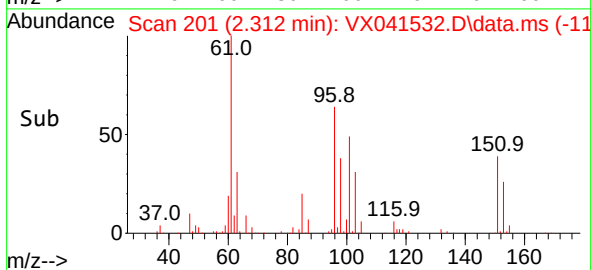
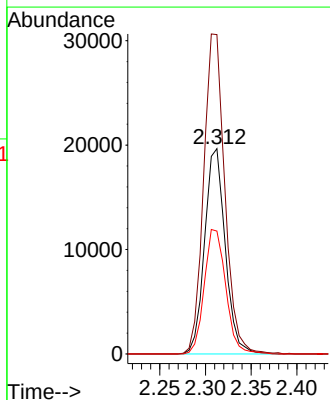
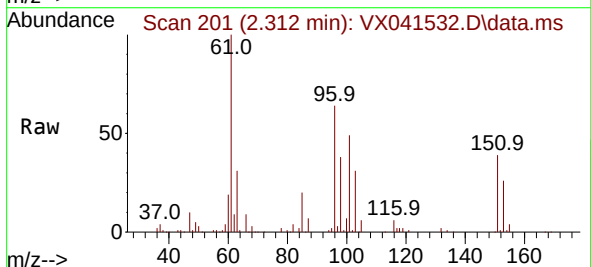
Manual Integrations
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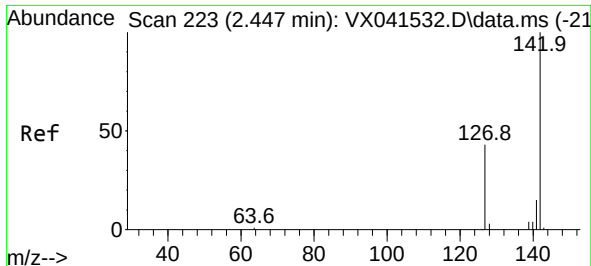
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
1,1-Dichloroethene
Concen: 21.157 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

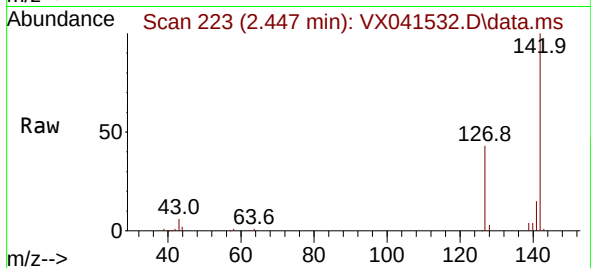
Tgt Ion: 96 Resp: 30861
Ion Ratio Lower Upper
96 100
61 155.6 124.5 186.7
98 59.9 47.9 71.9





#11
Methyl Iodide
Concen: 19.533 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

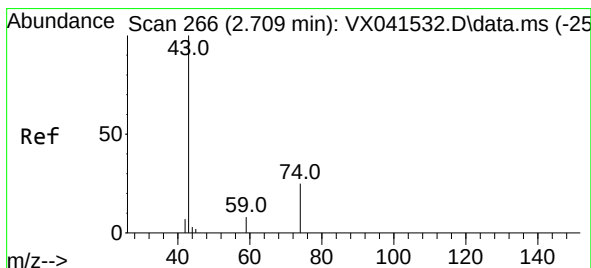
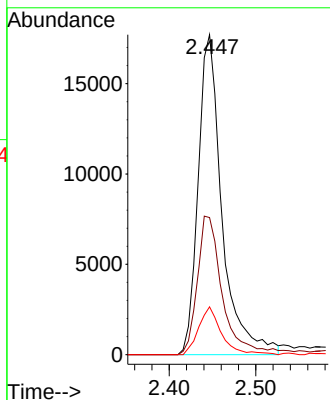
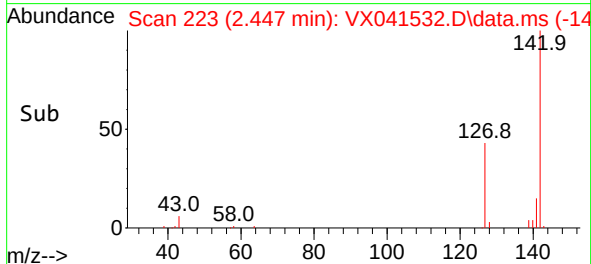
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 3393
Ion Ratio Lower Upper
142 100
127 42.8 21.4 64.2
141 15.2 7.6 22.8

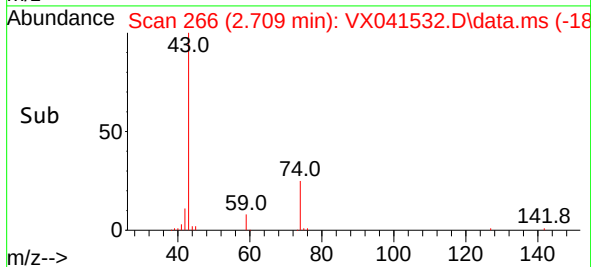
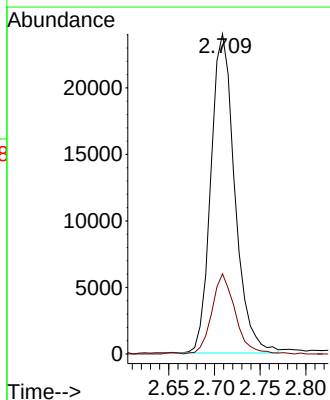
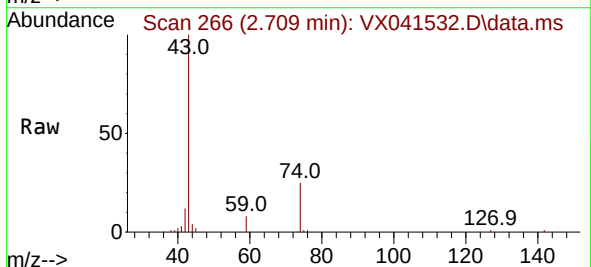
Manual Integrations
APPROVED

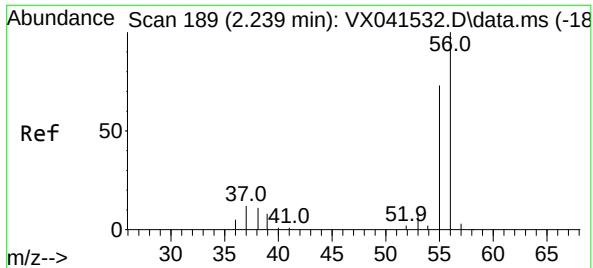
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#12
Methyl Acetate
Concen: 19.879 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 43654
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9





#13

Acrolein

Concen: 101.888 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 27250

Ion Ratio Lower Upper

56 100

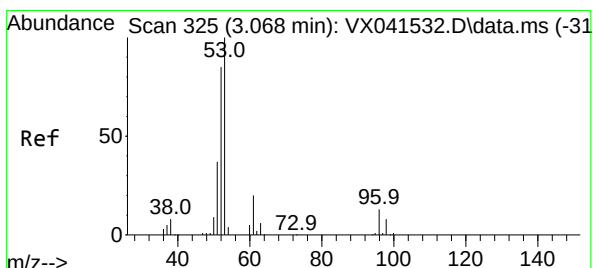
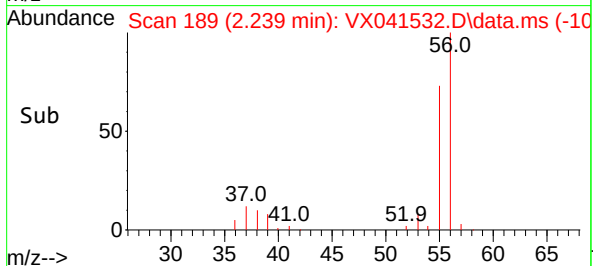
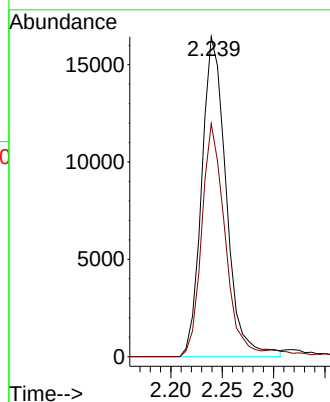
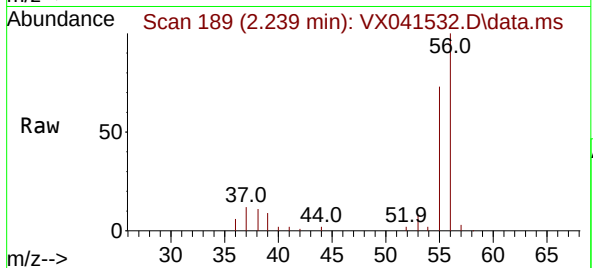
55 68.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Acrylonitrile

Concen: 95.890 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

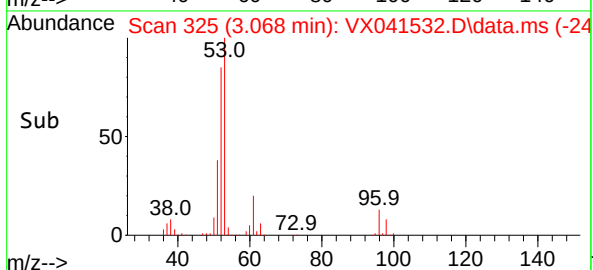
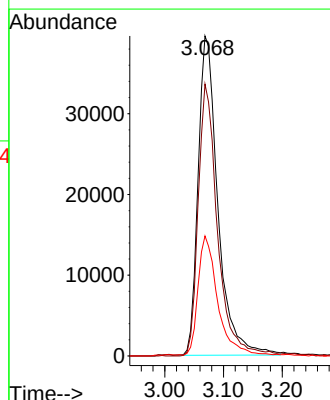
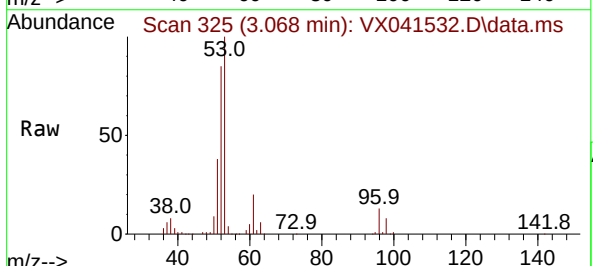
Tgt Ion: 53 Resp: 92619

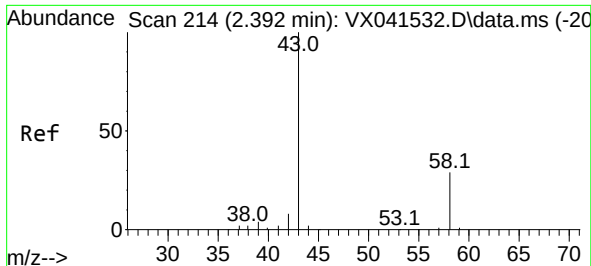
Ion Ratio Lower Upper

53 100

52 82.5 41.3 123.7

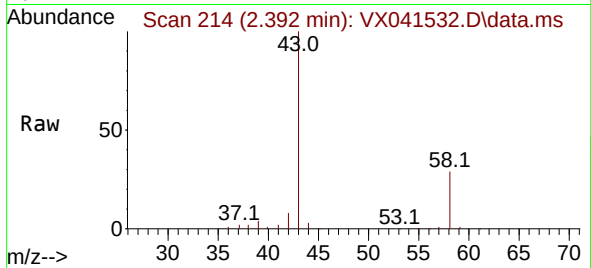
51 36.7 18.4 55.0





#15
Acetone
Concen: 104.616 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

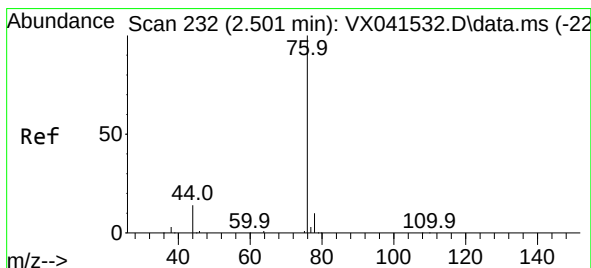
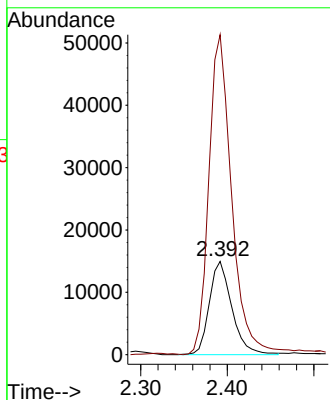
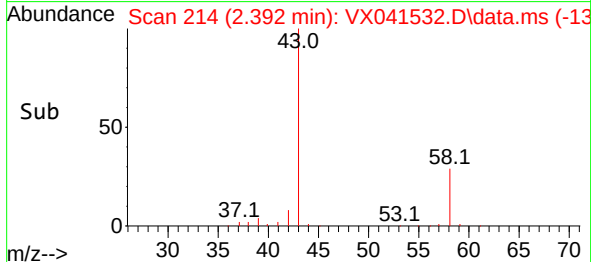
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 27074
Ion Ratio Lower Upper
58 100
43 342.5 274.0 411.0

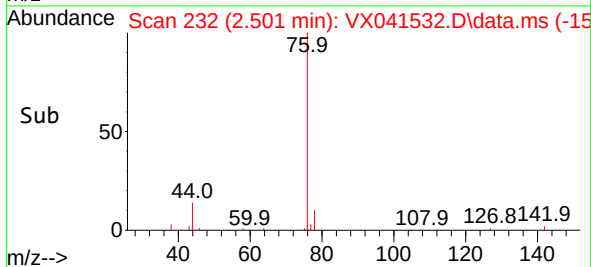
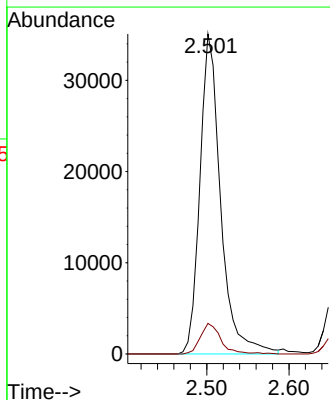
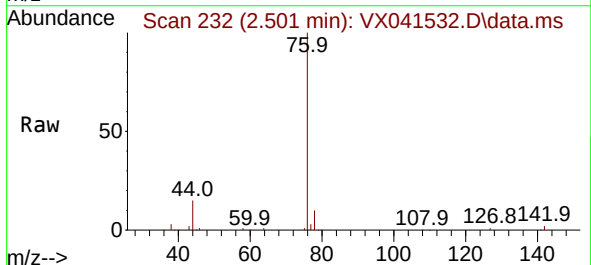
Manual Integrations
APPROVED

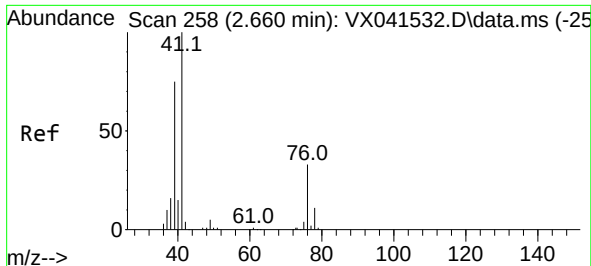
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Carbon Disulfide
Concen: 18.701 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 76 Resp: 61590
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4





#17

Allyl chloride

Concen: 19.870 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

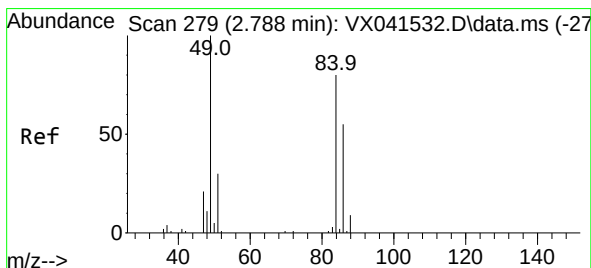
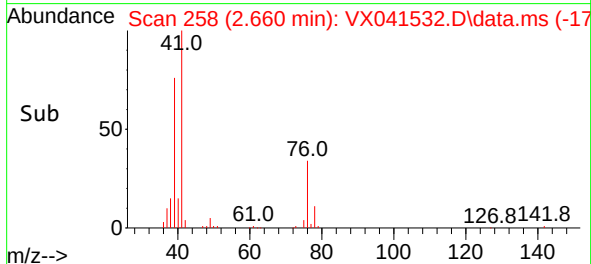
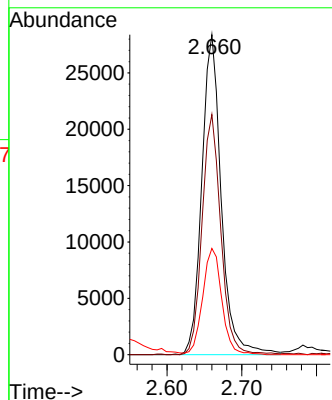
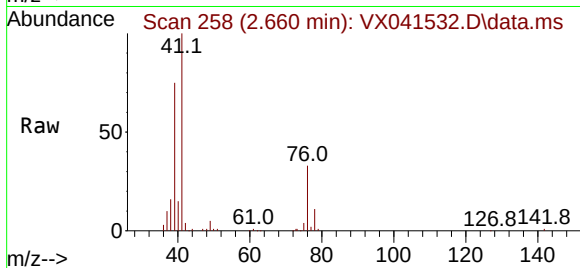
Tgt Ion:	41	Resp:	51430
Ion Ratio	Lower	Upper	
41	100		
39	75.1	37.5	112.7
76	33.2	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#18

Methylene Chloride

Concen: 20.245 ug/l

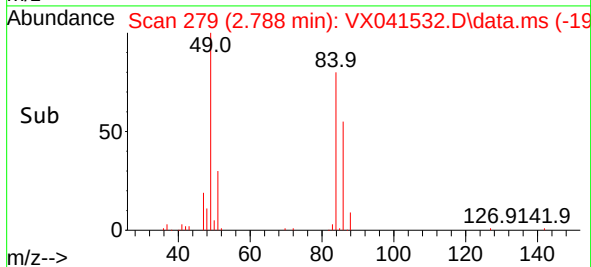
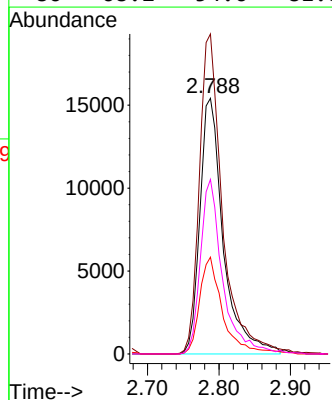
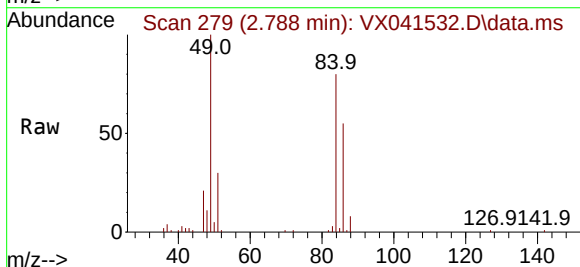
RT: 2.788 min Scan# 279

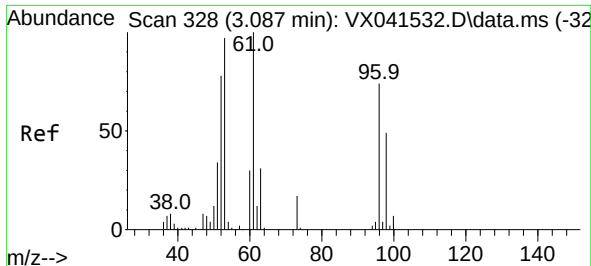
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

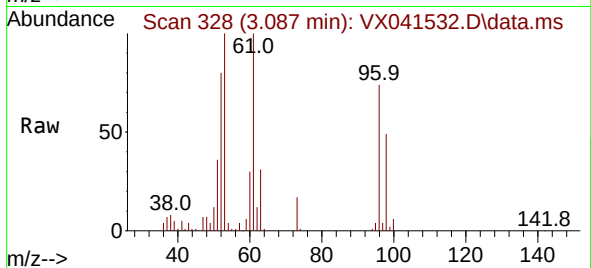
Tgt Ion:	84	Resp:	35123
Ion Ratio	Lower	Upper	
84	100		
49	124.8	99.8	149.8
51	37.8	30.2	45.4
86	68.2	54.6	81.8





#19
trans-1,2-Dichloroethene
Concen: 19.385 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

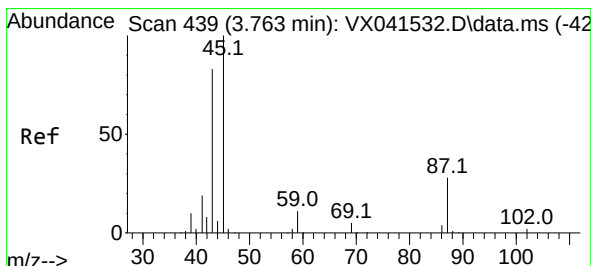
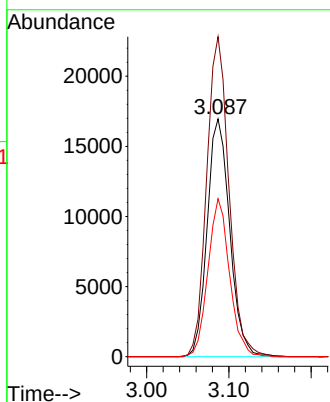
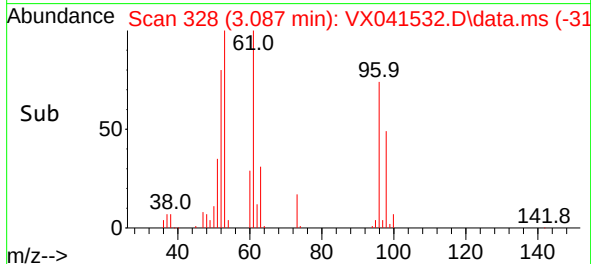
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 134.6 107.7 161.5
98 66.4 53.1 79.7

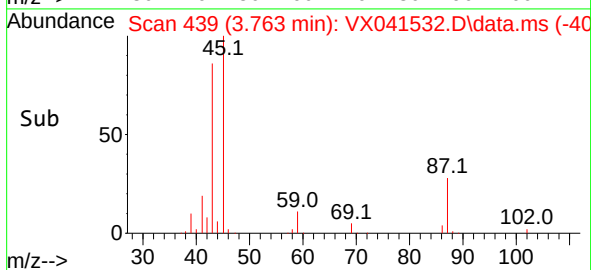
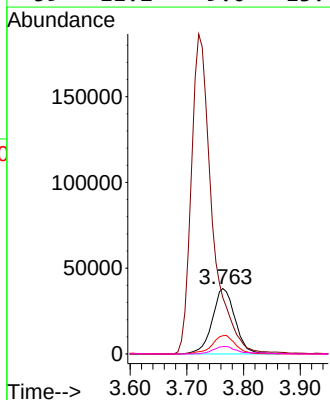
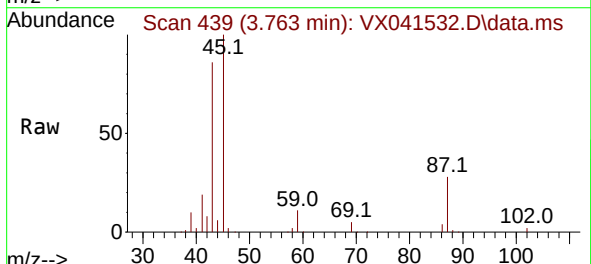
Manual Integrations
APPROVED

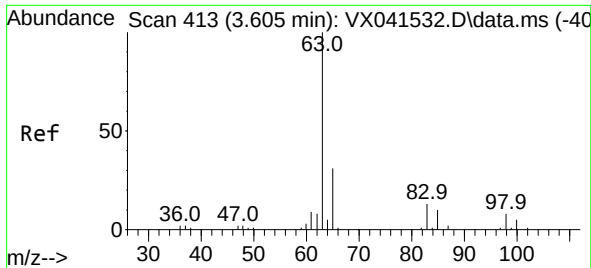
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Diisopropyl ether
Concen: 19.594 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 45 Resp: 106571
Ion Ratio Lower Upper
45 100
43 83.4 66.7 100.1
87 28.0 22.4 33.6
59 11.2 9.0 13.4





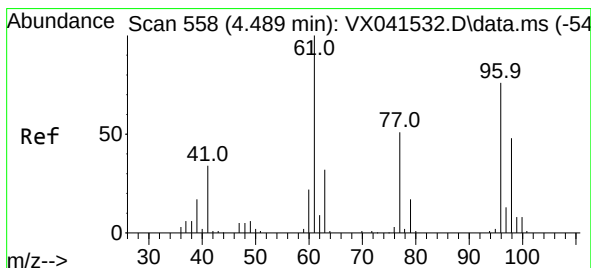
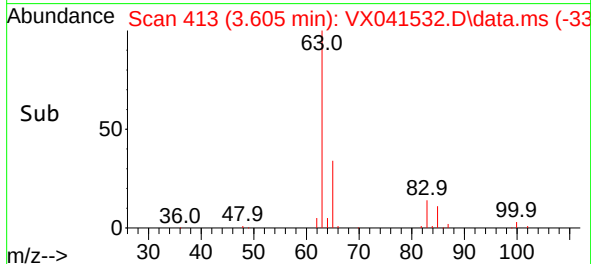
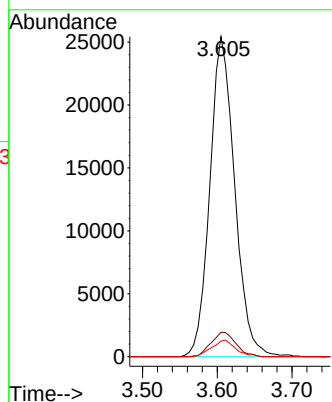
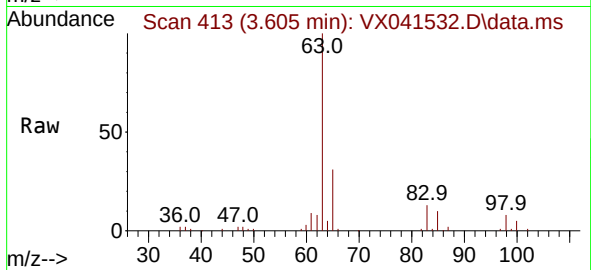
#21
1,1-Dichloroethane
Concen: 19.248 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 58750
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.4
100 4.9 2.5 7.4

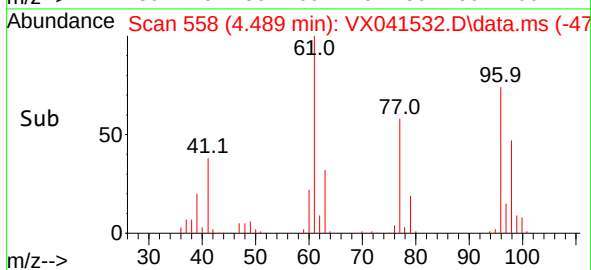
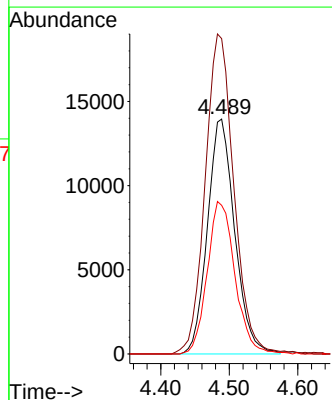
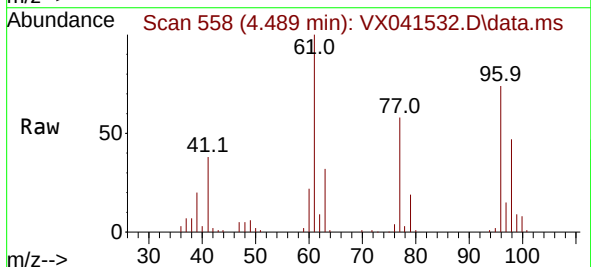
Manual Integrations
APPROVED

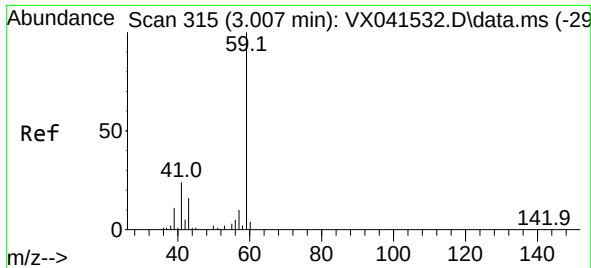
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
cis-1,2-Dichloroethene
Concen: 18.992 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

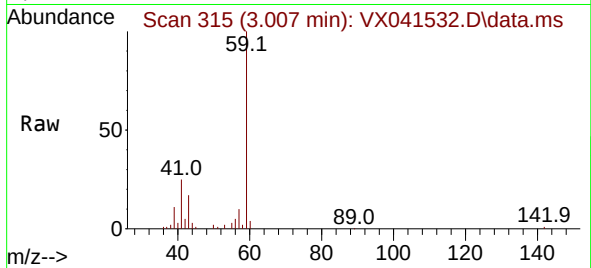
Tgt Ion: 96 Resp: 38603
Ion Ratio Lower Upper
96 100
61 142.8 114.2 171.4
98 65.8 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 94.571 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

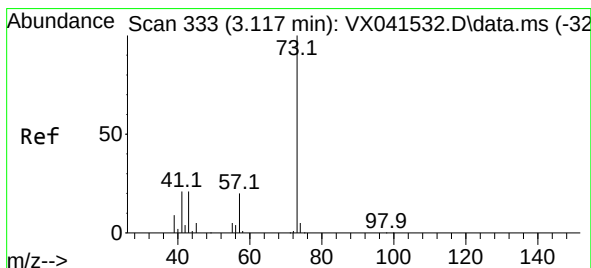
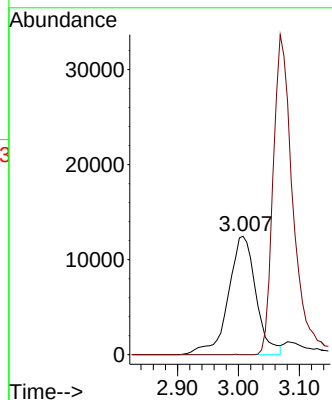
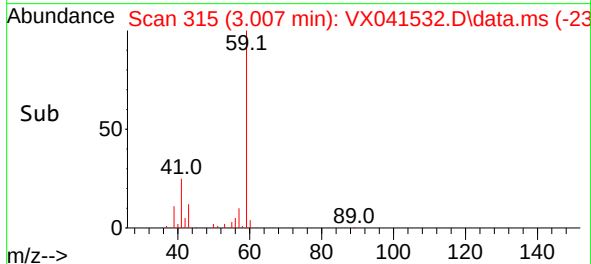
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



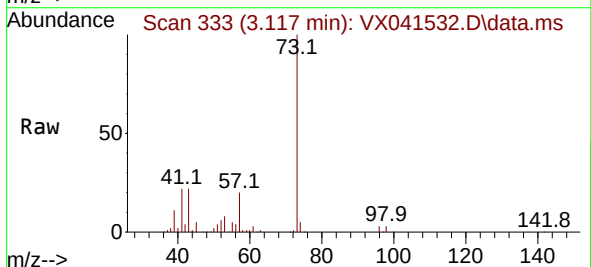
Tgt Ion: 59 Resp: 39334
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

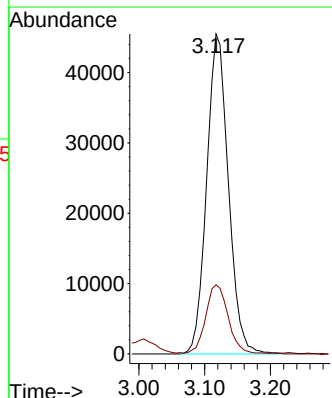
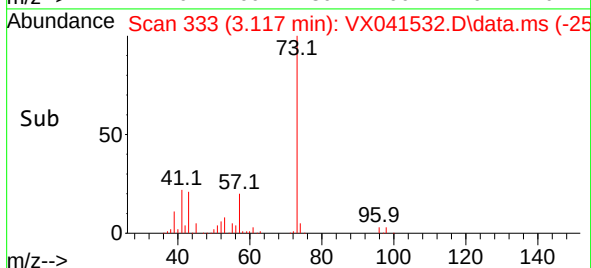
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

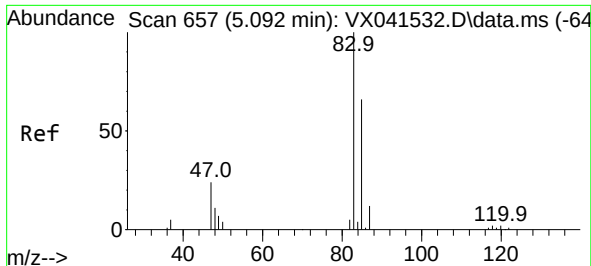


#24
Methyl tert-Butyl Ether
Concen: 19.187 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57



Tgt Ion: 73 Resp: 104493
Ion Ratio Lower Upper
73 100
43 21.5 17.2 25.8





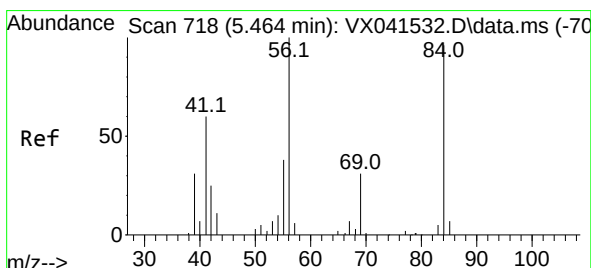
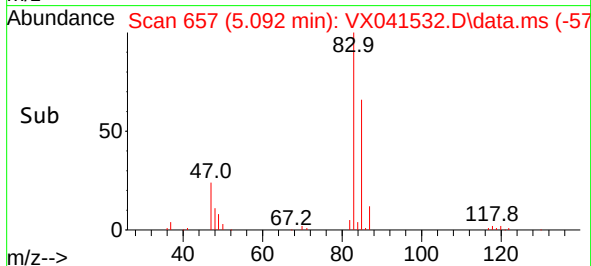
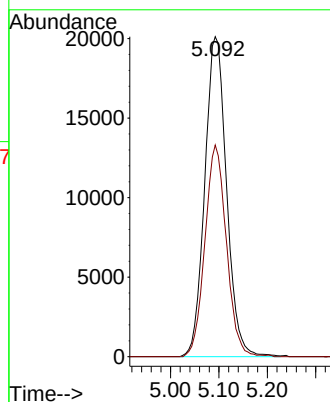
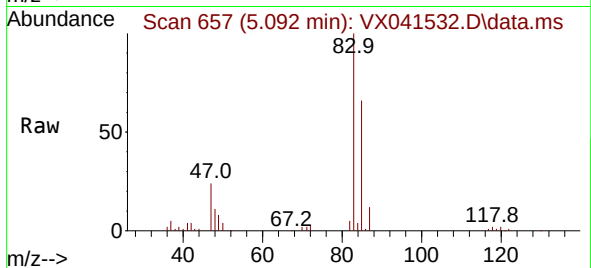
#25
Chloroform
Concen: 19.380 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6302
Ion Ratio Lower Upper
83 100
85 66.1 52.9 79.3

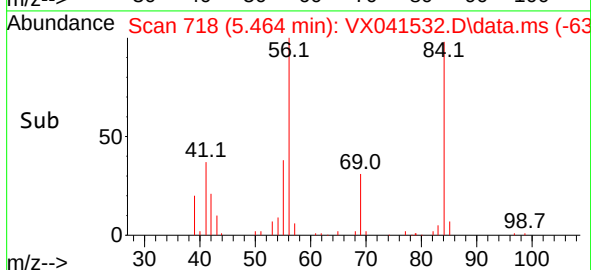
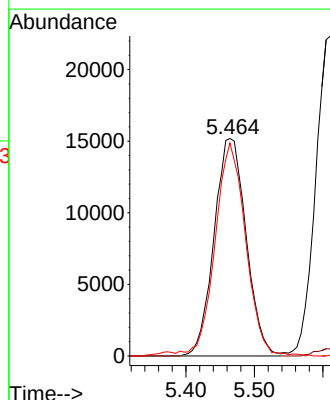
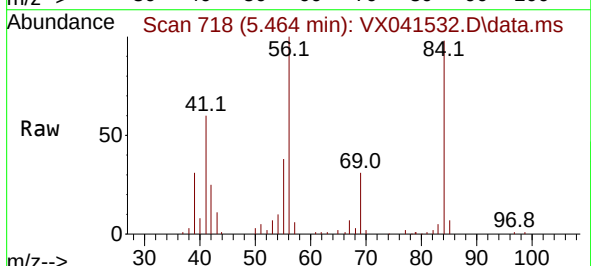
Manual Integrations
APPROVED

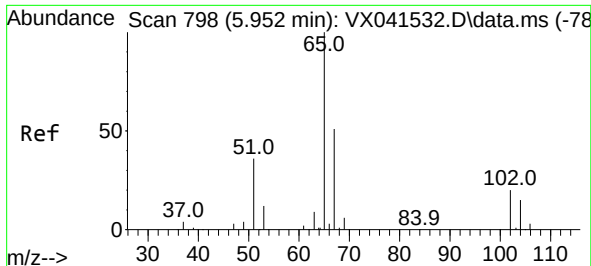
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
Cyclohexane
Concen: 19.379 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 56 Resp: 49330
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.5 74.0 111.0





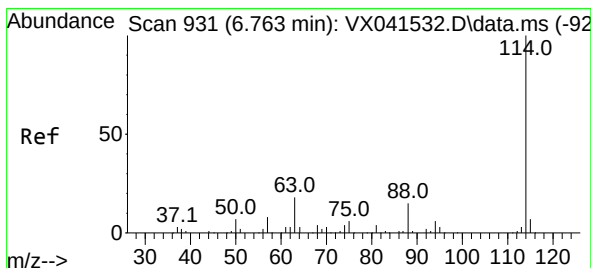
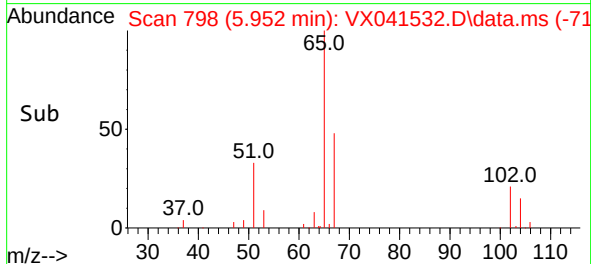
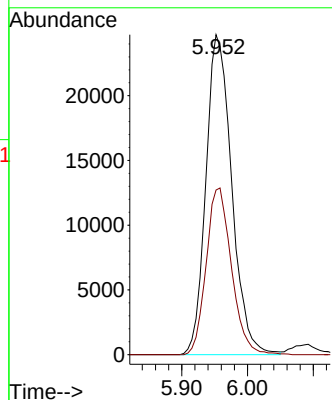
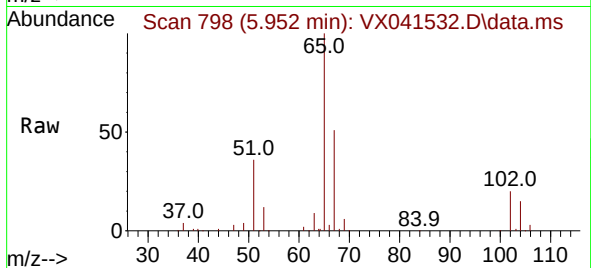
#27
1,2-Dichloroethane-d4
Concen: 30.104 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 67590
Ion Ratio Lower Upper
65 100
67 51.0 40.8 61.2

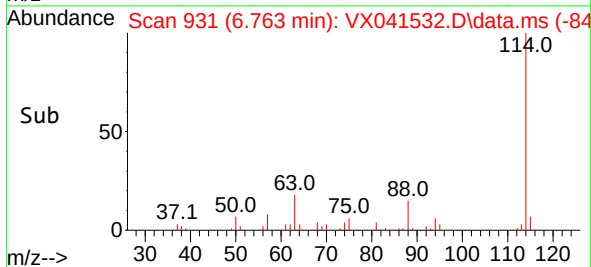
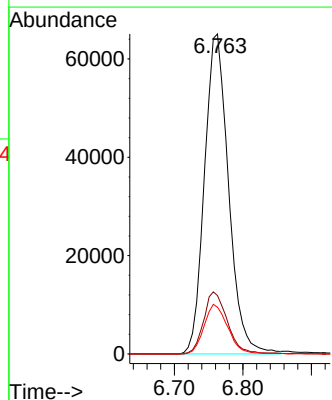
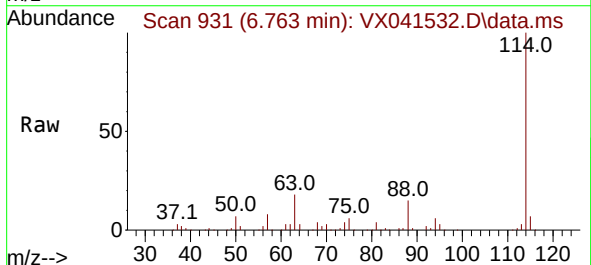
Manual Integrations
APPROVED

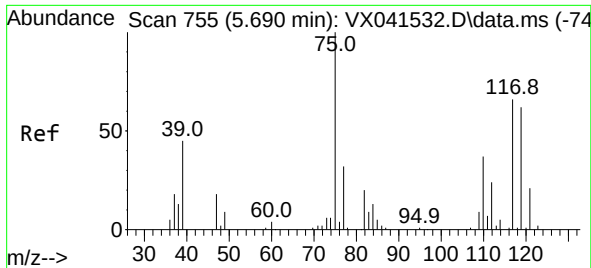
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

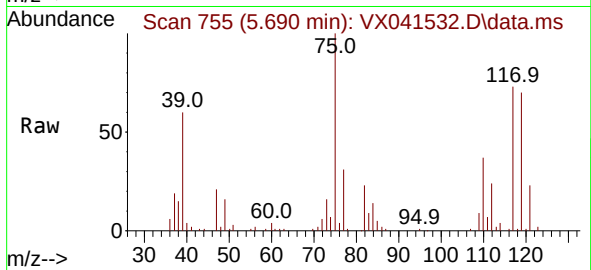
Tgt Ion:114 Resp: 159510
Ion Ratio Lower Upper
114 100
63 19.2 15.4 23.0
88 15.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.404 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

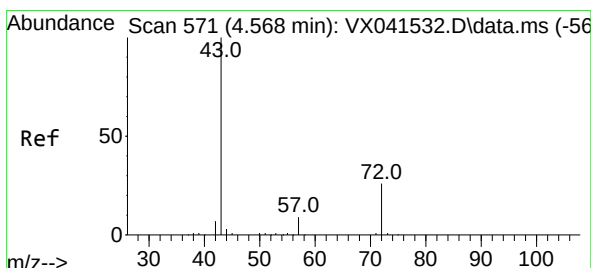
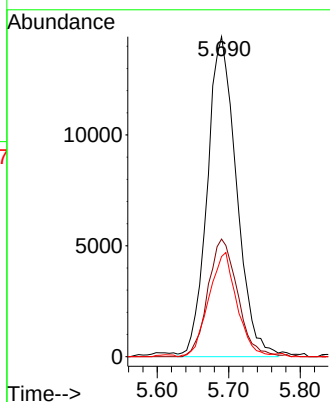
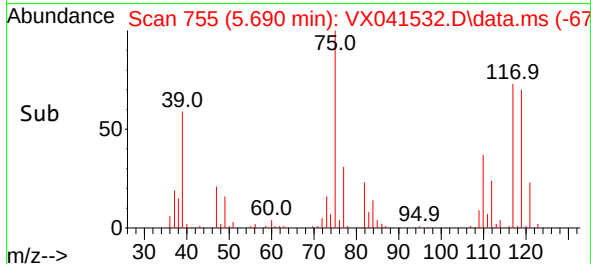
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 4094
Ion Ratio Lower Upper
75 100
110 37.2 0.0 74.4
77 31.3 0.0 62.6

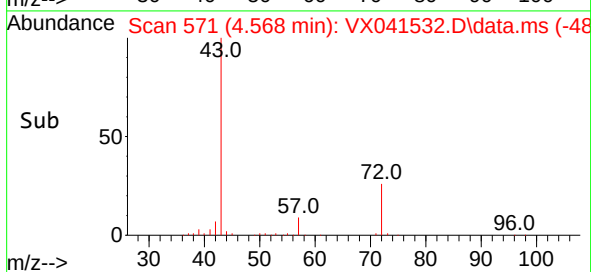
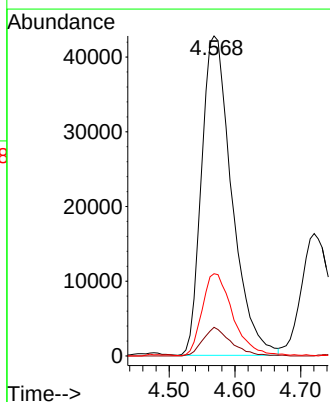
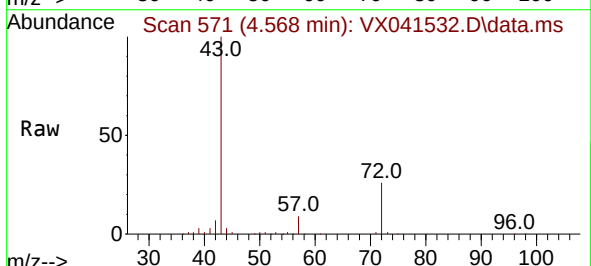
Manual Integrations
APPROVED

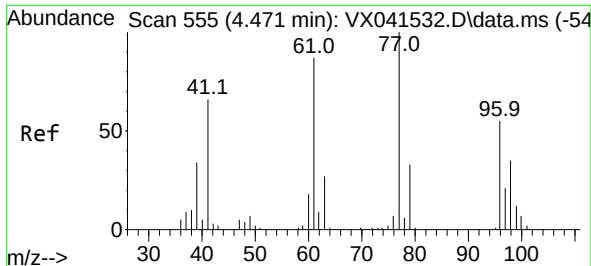
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#30
2-Butanone
Concen: 97.871 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 137072
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 25.9 20.7 31.1





#31

2,2-Dichloropropane

Concen: 19.586 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 4850

Ion Ratio Lower Upper

77 100

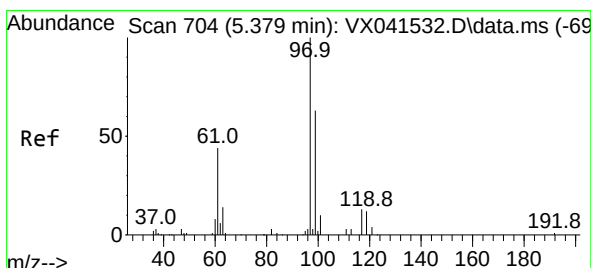
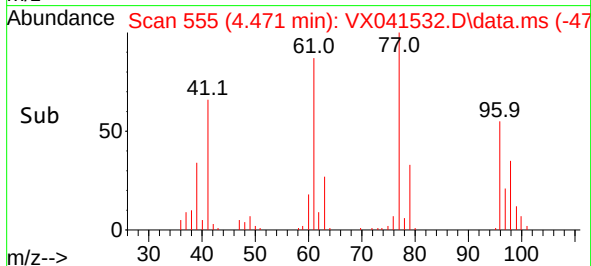
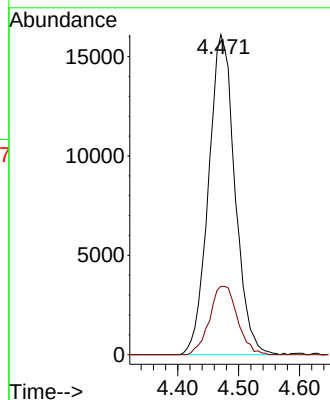
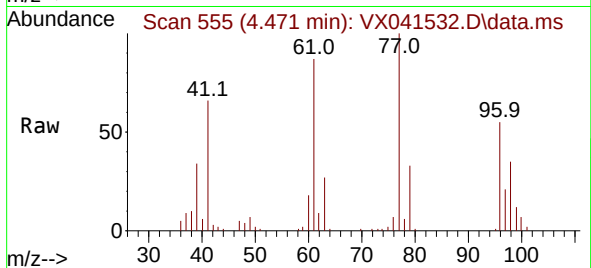
97 22.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#32

1,1,1-Trichloroethane

Concen: 19.389 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

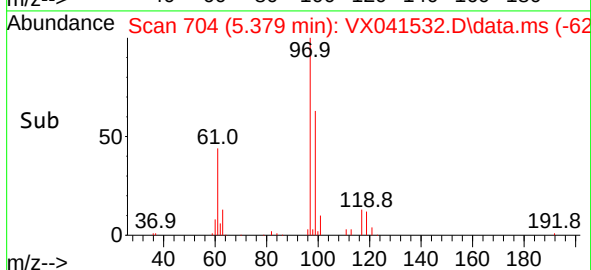
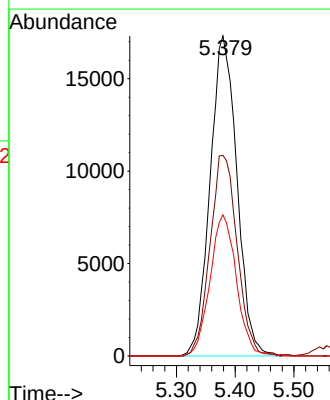
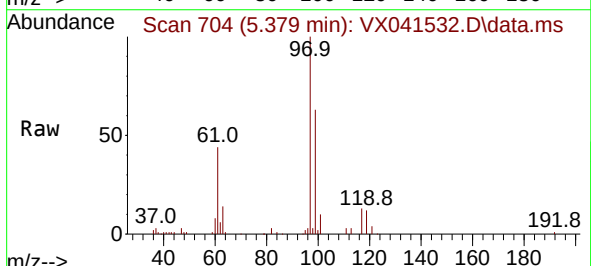
Tgt Ion: 97 Resp: 54893

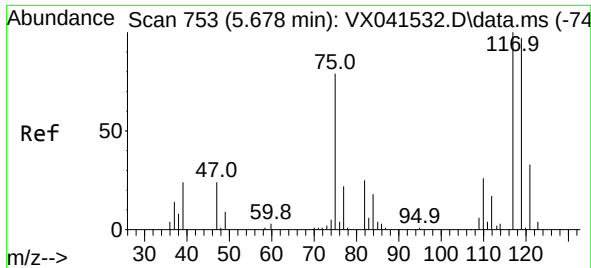
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

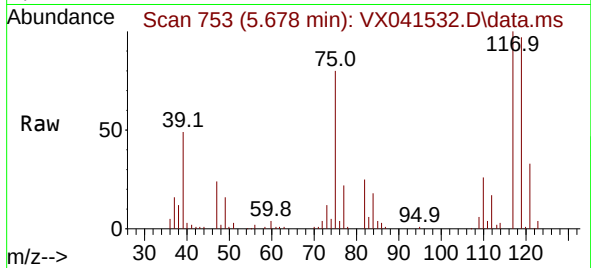
61 43.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.170 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

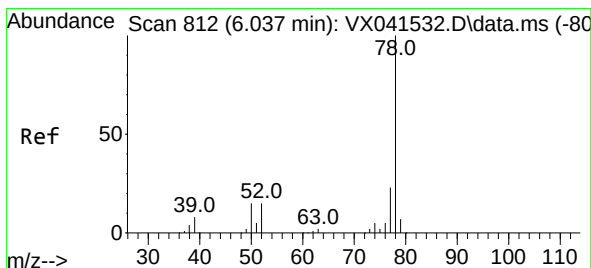
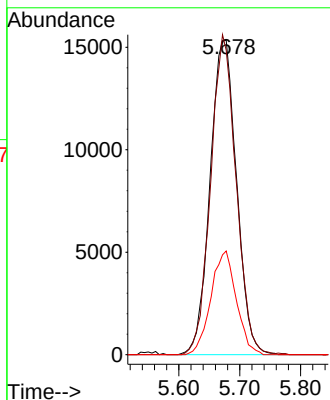
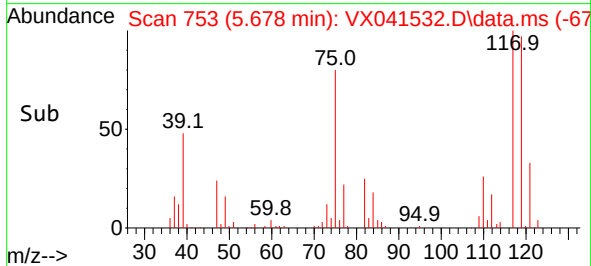
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 46438
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2
121 33.0 26.4 39.6

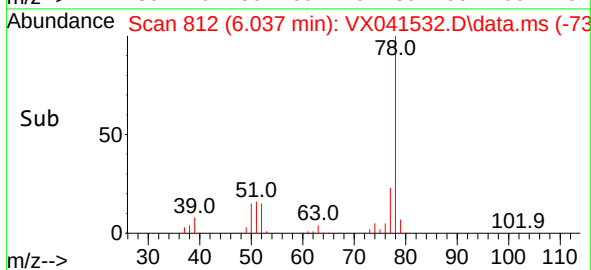
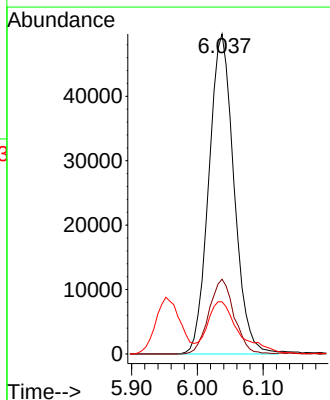
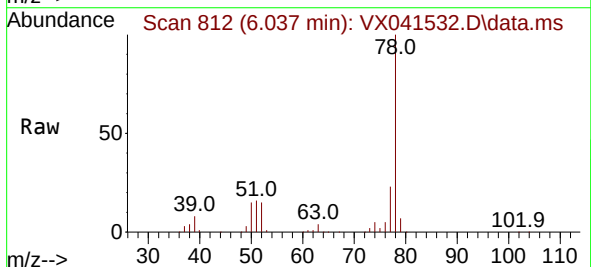
Manual Integrations
APPROVED

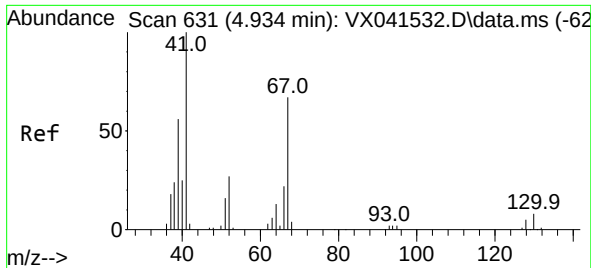
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#34
Benzene
Concen: 19.832 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 78 Resp: 132158
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
51 15.5 12.4 18.6





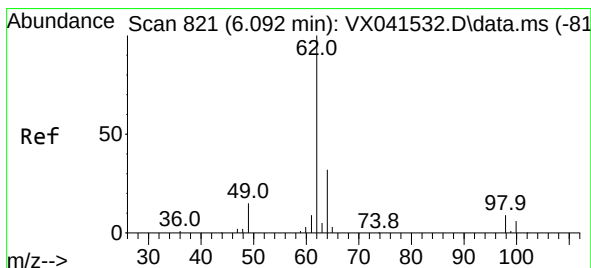
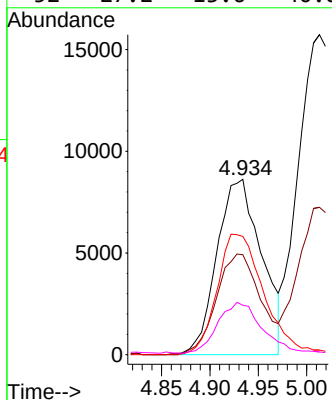
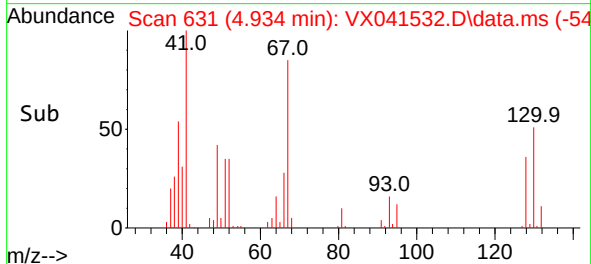
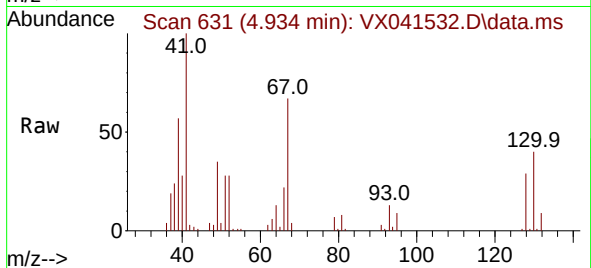
#35
Methacrylonitrile
Concen: 19.606 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41	Resp: 2769
Ion Ratio	Lower Upper
41 100	
39 56.3	28.1 84.4
67 67.4	33.7 101.1
52 27.2	13.6 40.8

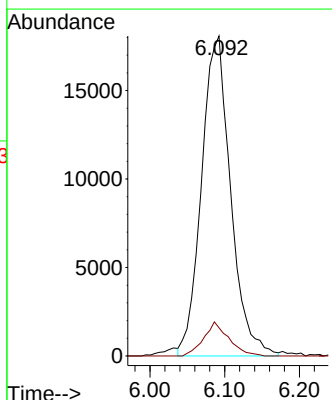
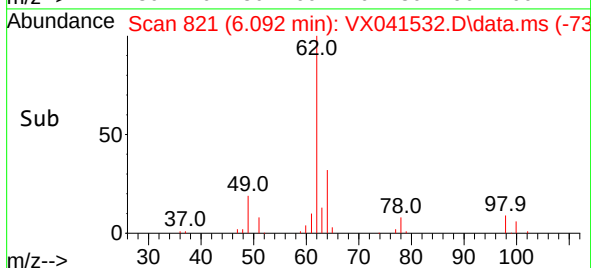
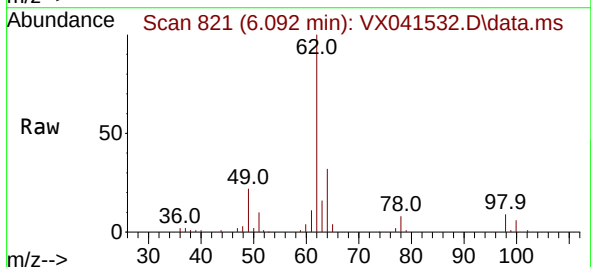
Manual Integrations
APPROVED

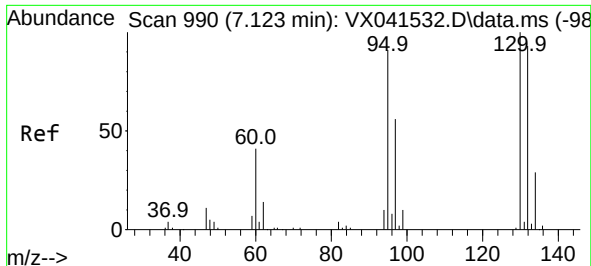
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,2-Dichloroethane
Concen: 19.706 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

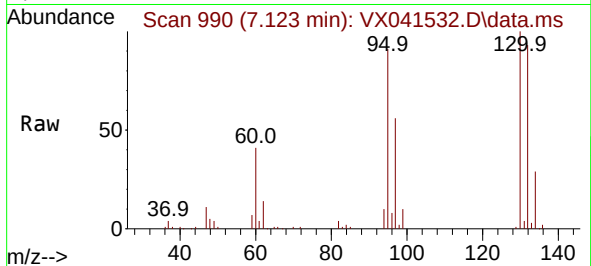
Tgt Ion: 62	Resp: 49004
Ion Ratio	Lower Upper
62 100	
98 9.2	7.4 11.0





#37
Trichloroethene
Concen: 19.525 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

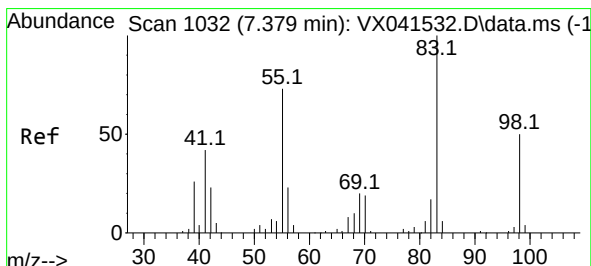
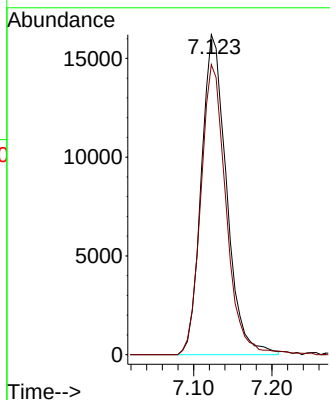
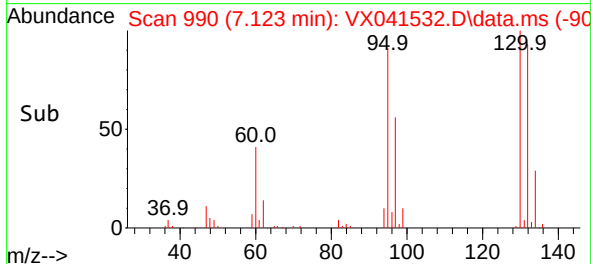
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 36252
Ion Ratio Lower Upper
130 100
95 90.7 72.6 108.8

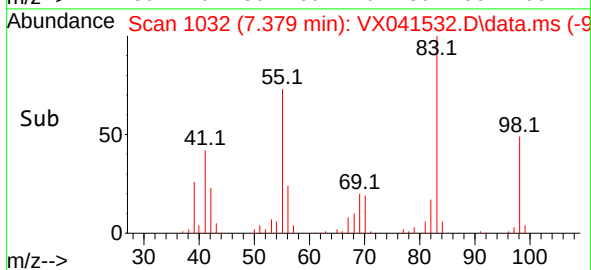
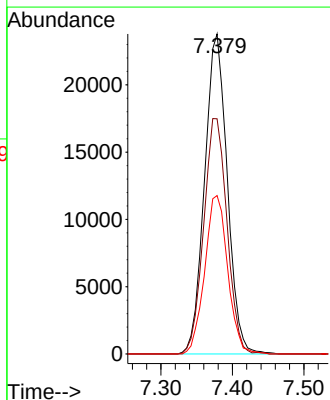
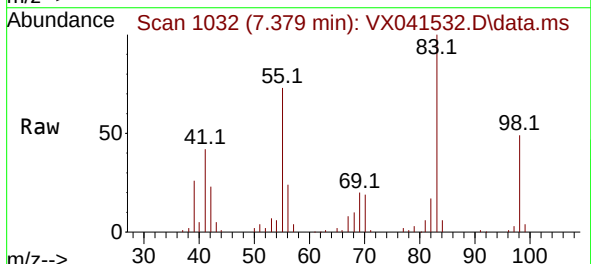
Manual Integrations
APPROVED

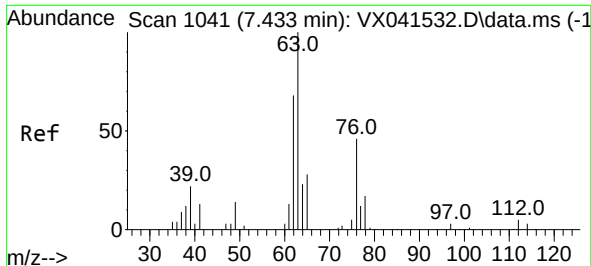
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Methylcyclohexane
Concen: 19.586 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 83 Resp: 52474
Ion Ratio Lower Upper
83 100
55 75.4 37.7 113.1
98 50.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 20.038 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 31564

Ion Ratio Lower Upper

63 100

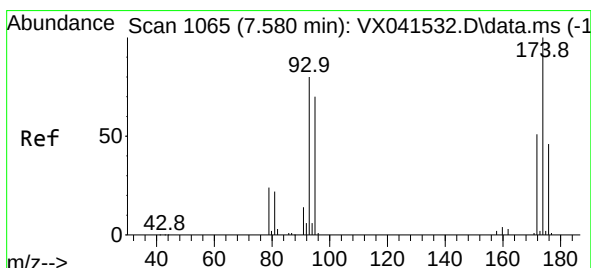
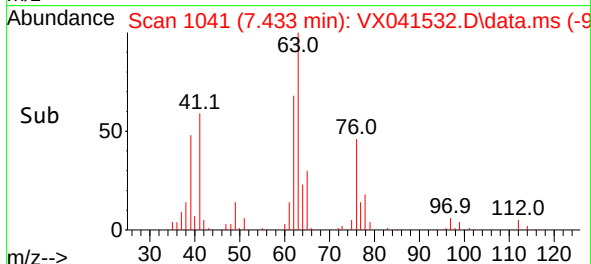
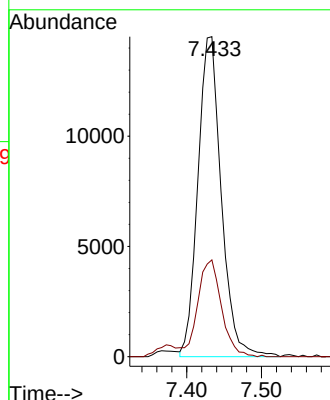
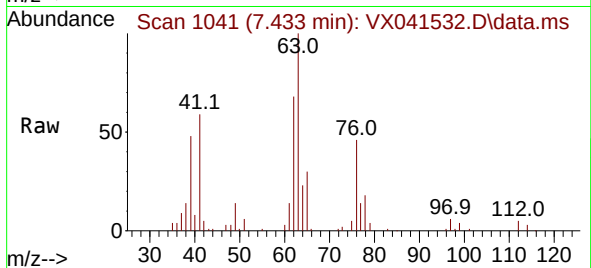
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Dibromomethane

Concen: 19.143 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

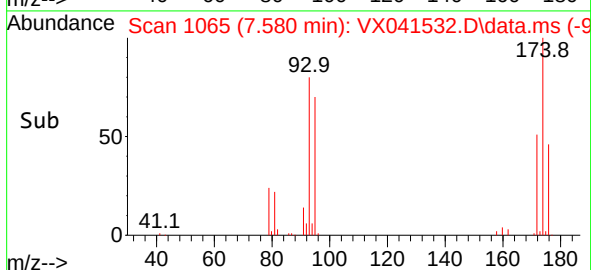
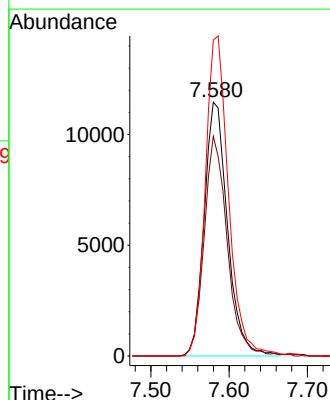
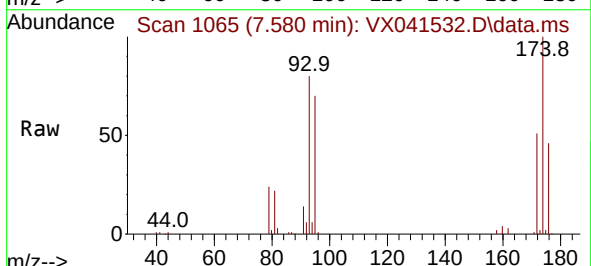
Tgt Ion: 93 Resp: 23732

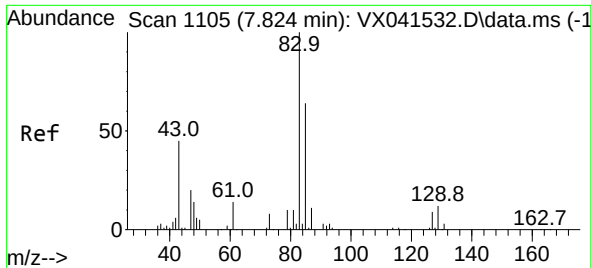
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.6

174 124.9 0.0 249.8





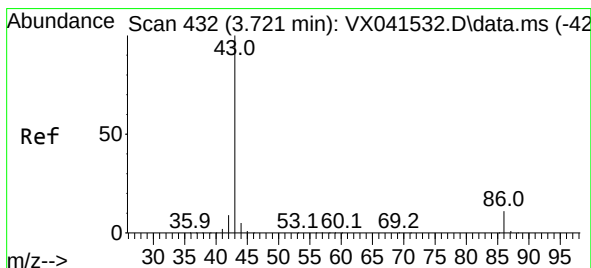
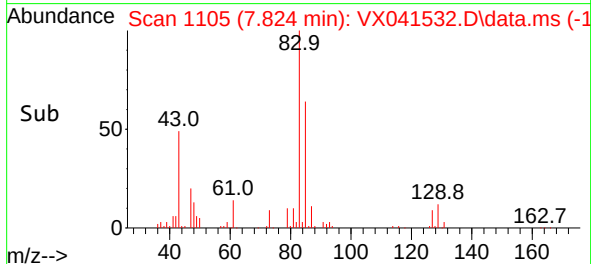
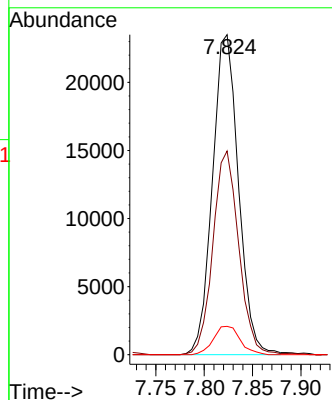
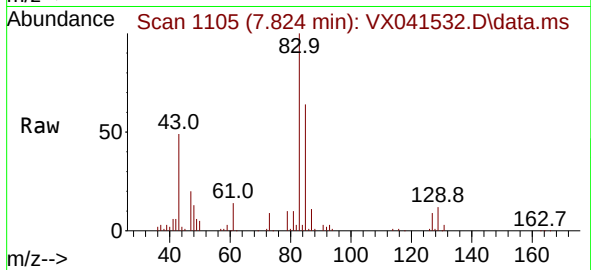
#41
Bromodichloromethane
Concen: 18.904 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 43998
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.9 7.1 10.7

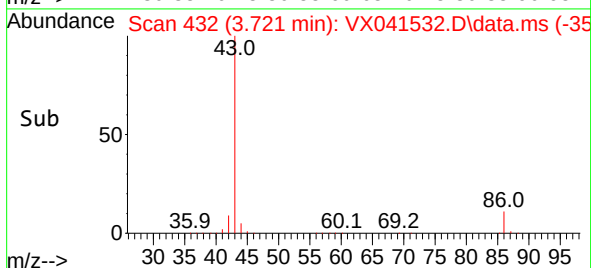
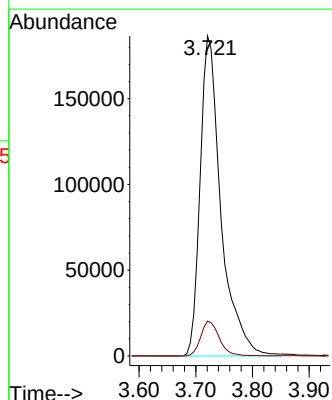
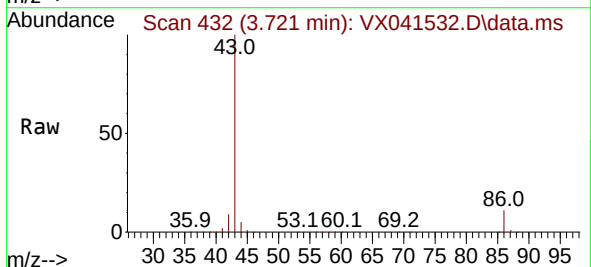
Manual Integrations
APPROVED

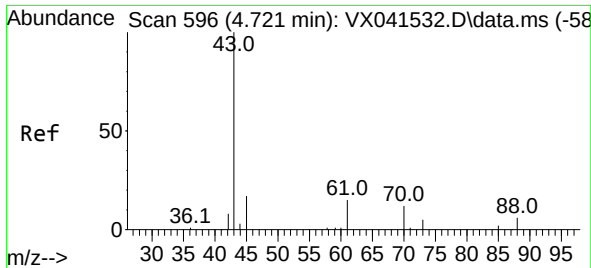
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
Vinyl Acetate
Concen: 97.898 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

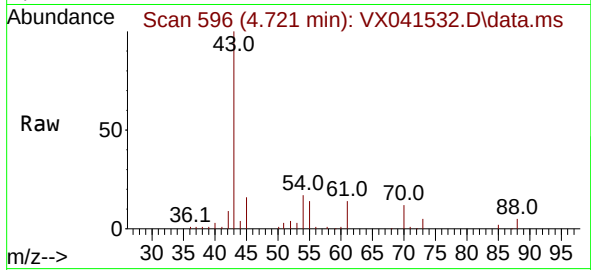
Tgt Ion: 43 Resp: 475709
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6





#43
Ethyl Acetate
Concen: 19.532 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

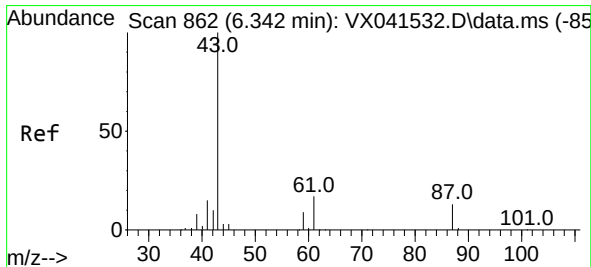
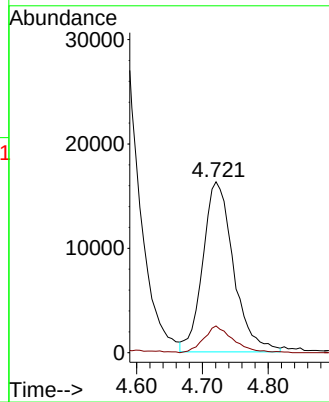
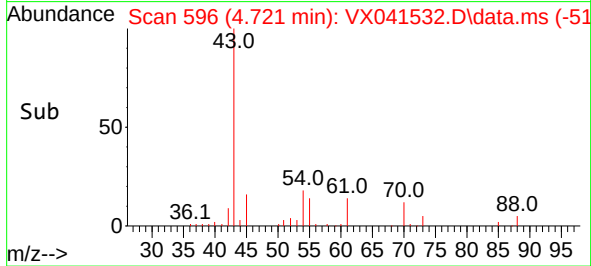
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



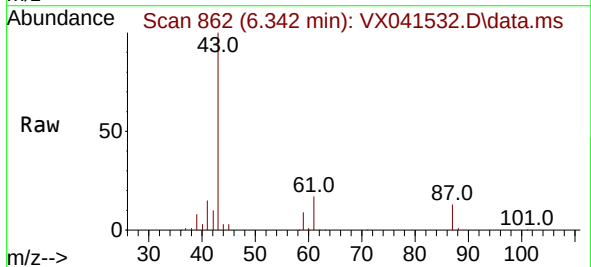
Tgt Ion: 43 Resp: 5278
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9

Manual Integrations
APPROVED

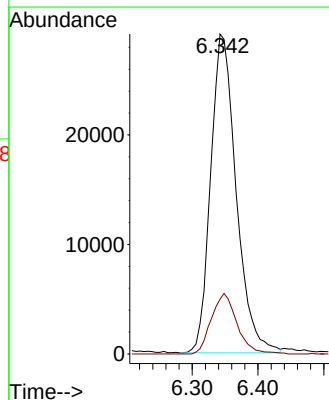
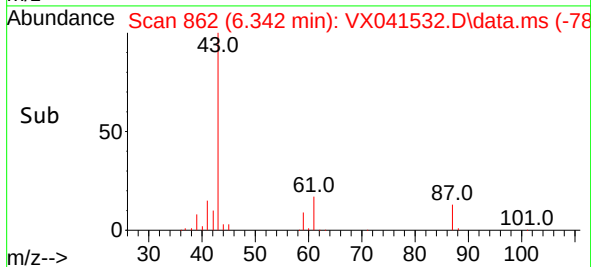
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

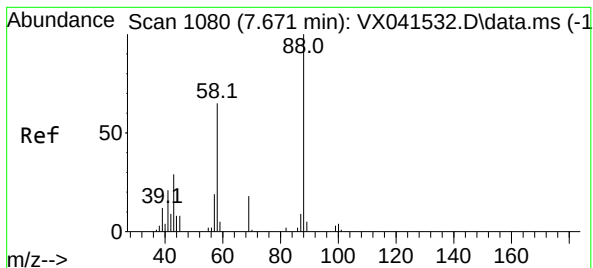


#44
Isopropyl Acetate
Concen: 19.260 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57



Tgt Ion: 43 Resp: 78675
Ion Ratio Lower Upper
43 100
61 19.1 15.3 22.9





#45

1,4-Dioxane

Concen: 418.804 ug/l m

RT: 7.671 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

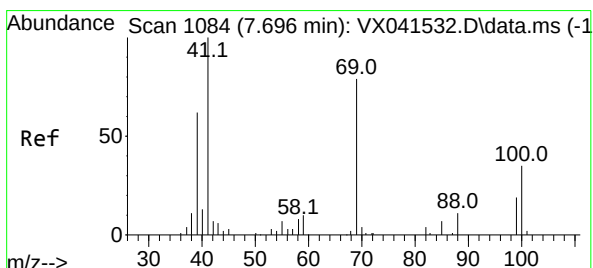
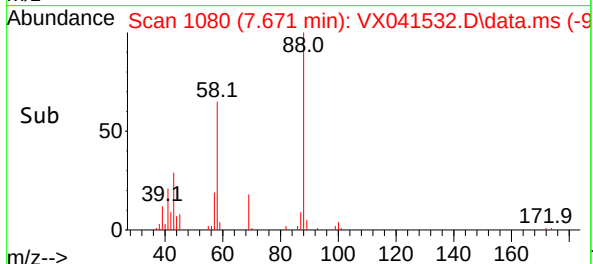
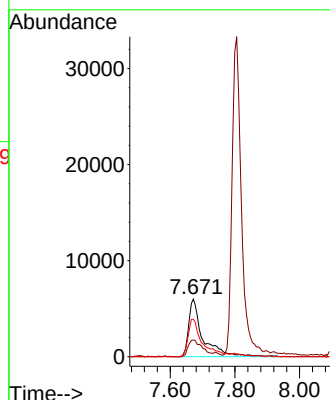
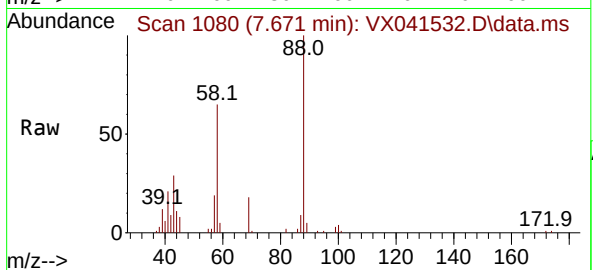
Tgt Ion:	88	Resp:	1834
Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.9	37.3
58	55.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Methyl methacrylate

Concen: 19.203 ug/l

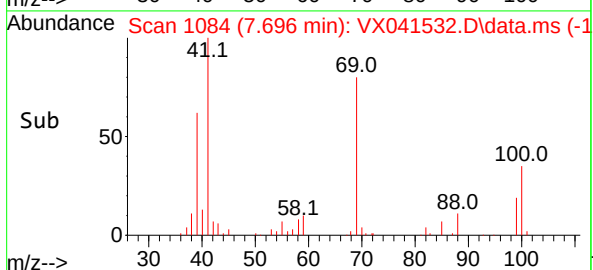
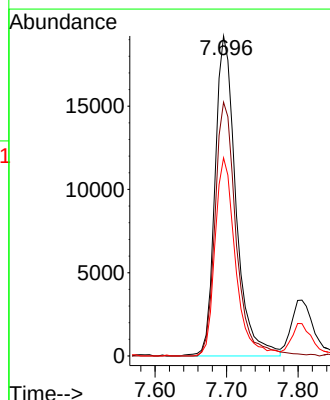
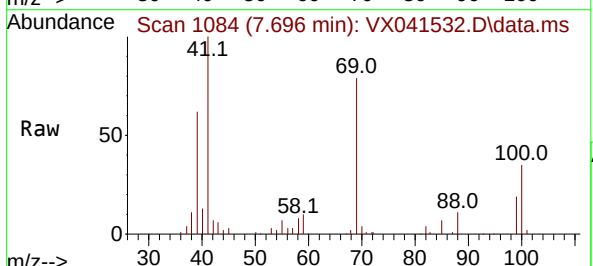
RT: 7.696 min Scan# 1084

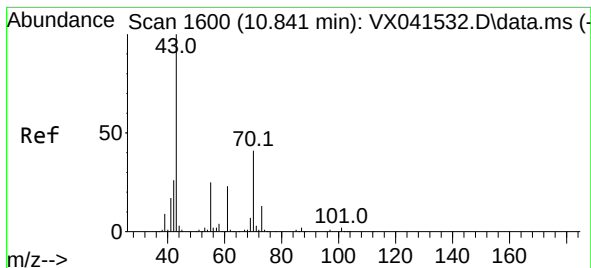
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion:	41	Resp:	39029
Ion	Ratio	Lower	Upper
41	100		
69	79.3	39.6	119.0
39	61.9	30.9	92.8





#47

n-amy1 Acetate

Concen: 18.998 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 70370

Ion Ratio Lower Upper

43 100

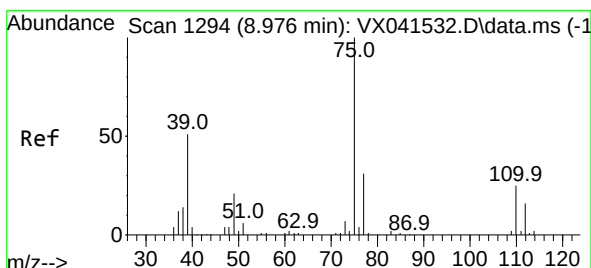
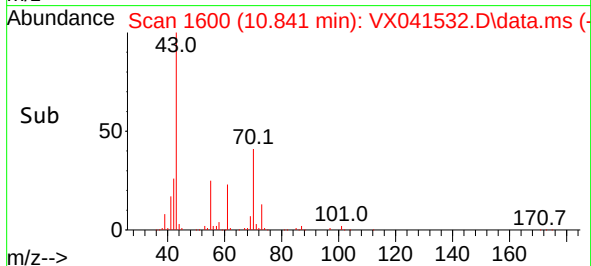
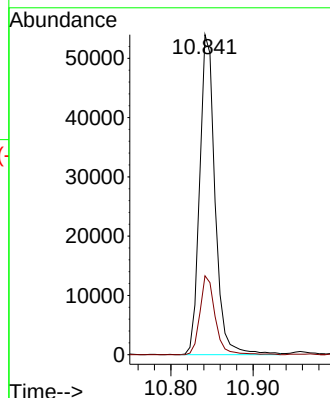
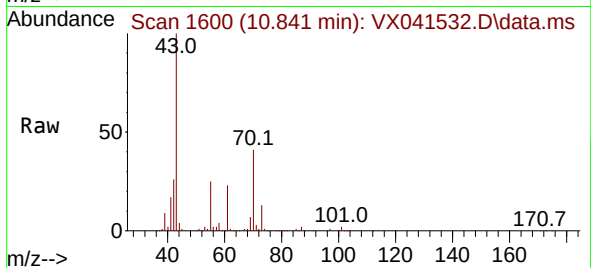
55 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#48

t-1,3-Dichloropropene

Concen: 18.398 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041532.D

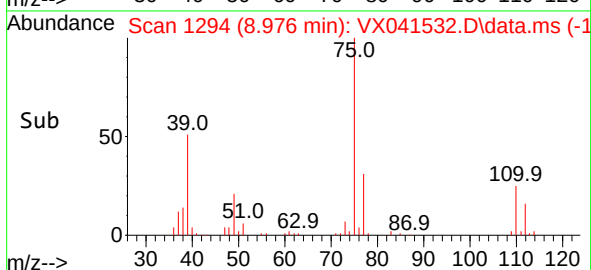
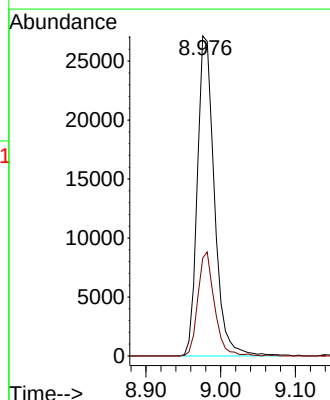
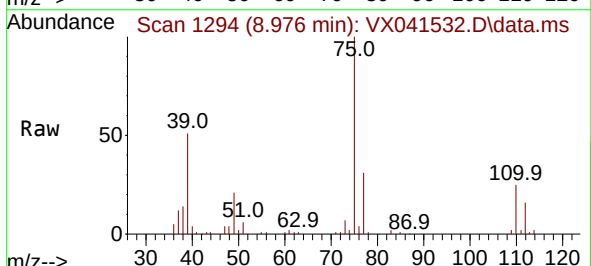
Acq: 15 May 2024 11:57

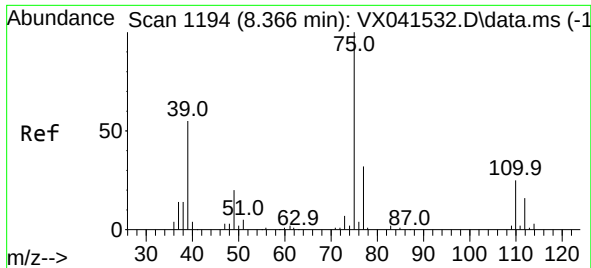
Tgt Ion: 75 Resp: 43003

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 18.768 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

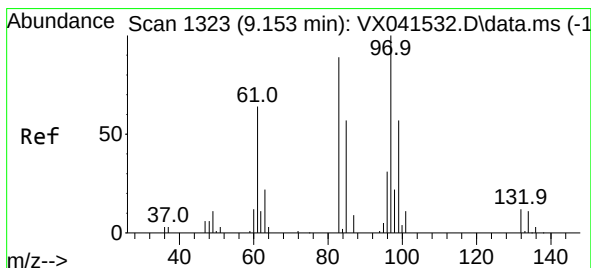
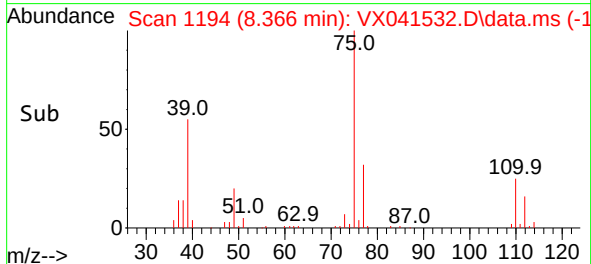
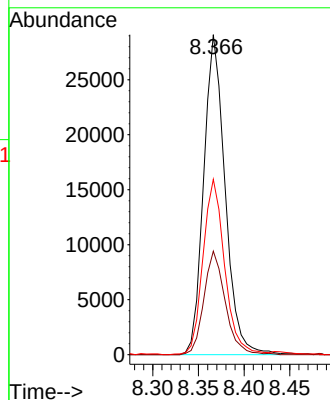
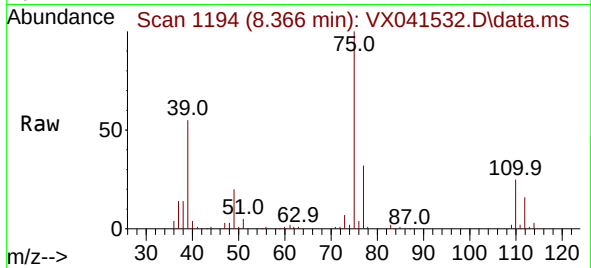
Tgt Ion: 75	Resp: 4751
Ion Ratio	Lower Upper
75 100	
77 32.3	25.8 38.8
39 54.5	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#50

1,1,2-Trichloroethane

Concen: 19.459 ug/l

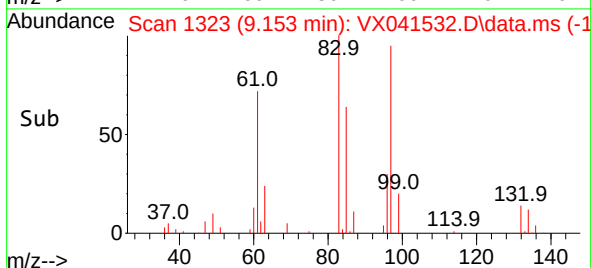
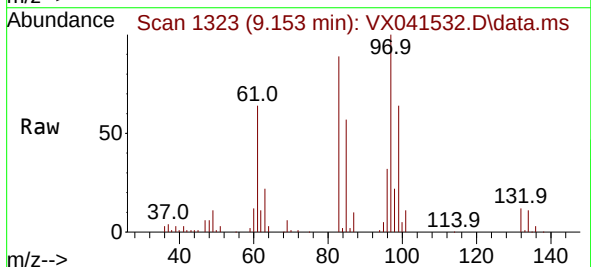
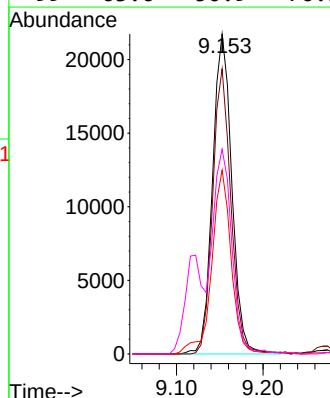
RT: 9.153 min Scan# 1323

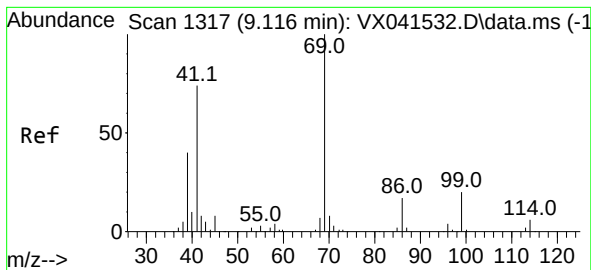
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion: 97	Resp: 33559
Ion Ratio	Lower Upper
97 100	
83 89.1	71.3 106.9
85 57.1	45.7 68.5
99 63.6	50.9 76.3





#51

Ethyl methacrylate

Concen: 18.884 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

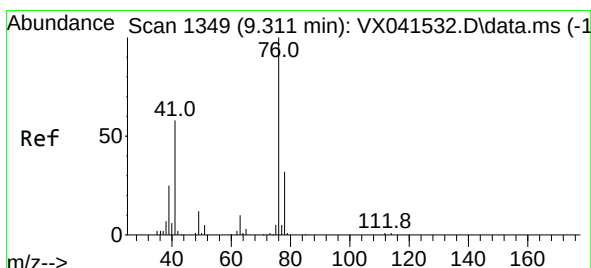
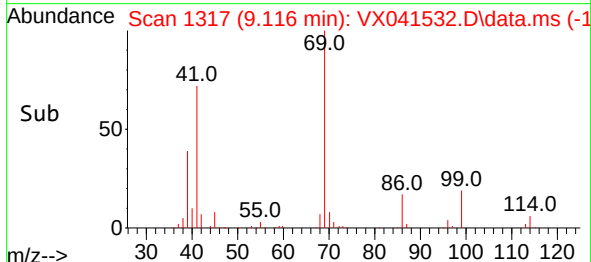
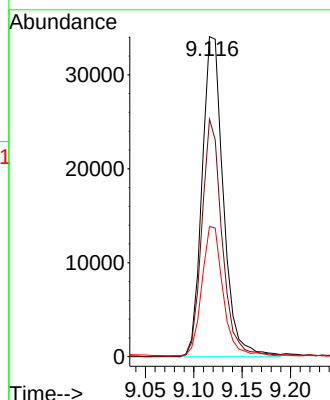
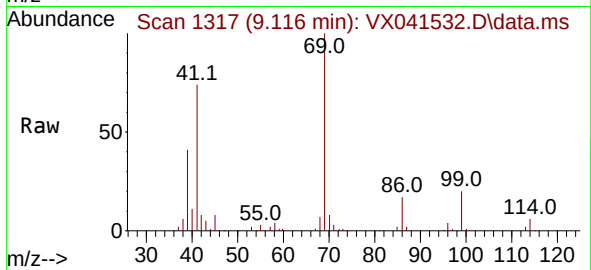
Tgt Ion:	69	Resp:	5242
Ion Ratio	Lower	Upper	
69	100		
41	74.2	37.1	111.3
39	40.4	20.2	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#52

1,3-Dichloropropane

Concen: 19.772 ug/l

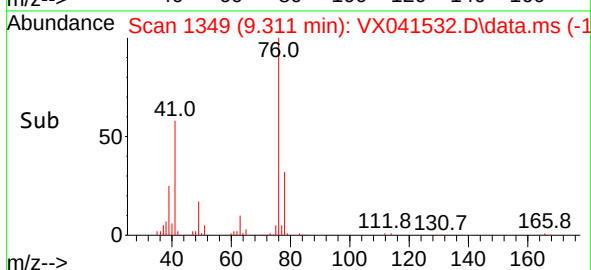
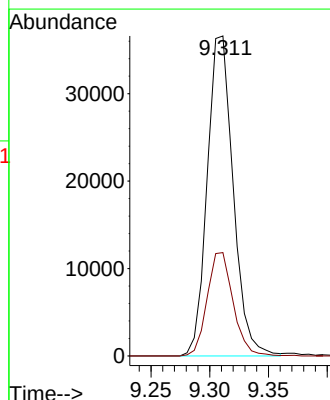
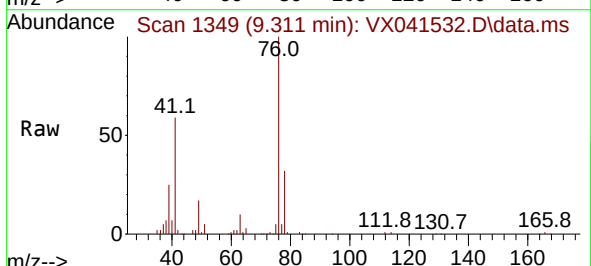
RT: 9.311 min Scan# 1349

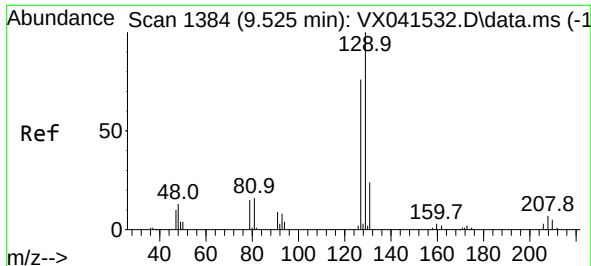
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

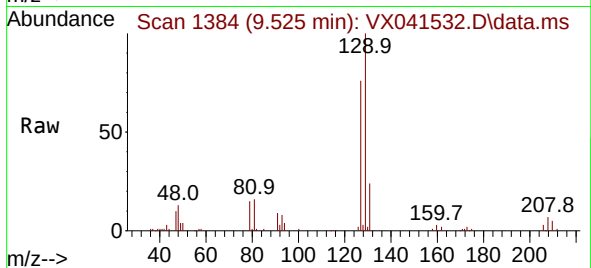
Tgt Ion:	76	Resp:	56347
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	64.4





#53
Dibromochloromethane
Concen: 18.491 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

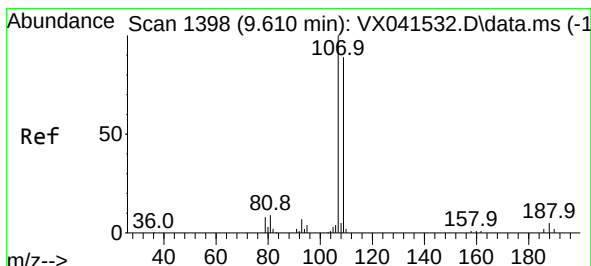
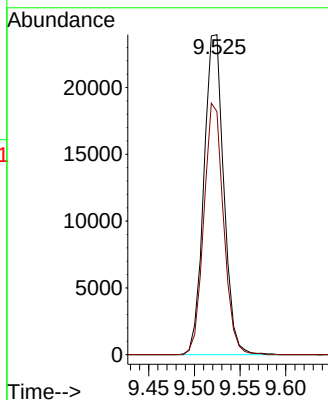
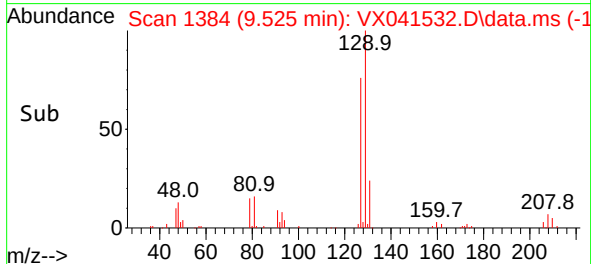
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



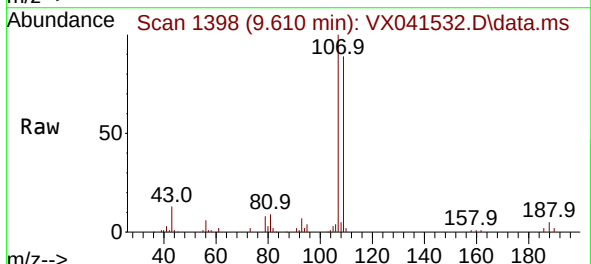
Tgt Ion:129 Resp: 36285
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

Manual Integrations
APPROVED

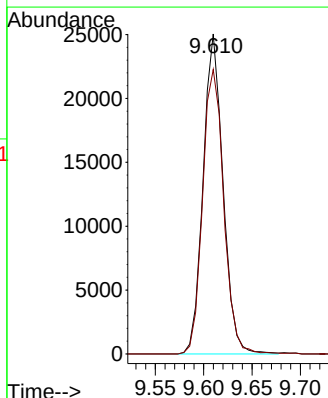
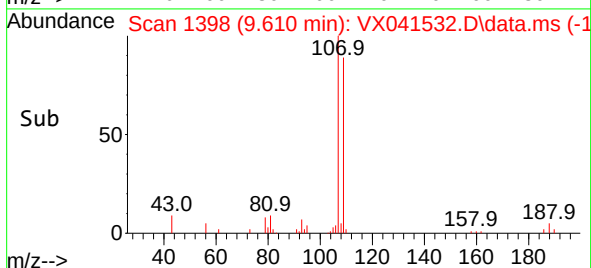
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

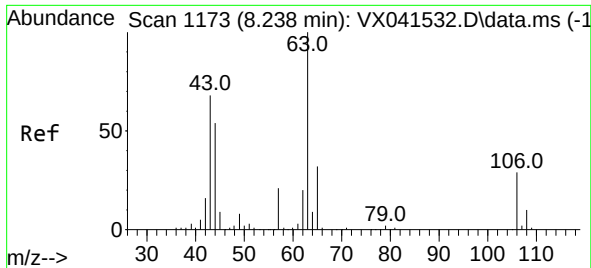


#54
1,2-Dibromoethane
Concen: 19.643 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57



Tgt Ion:107 Resp: 35924
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 99.390 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

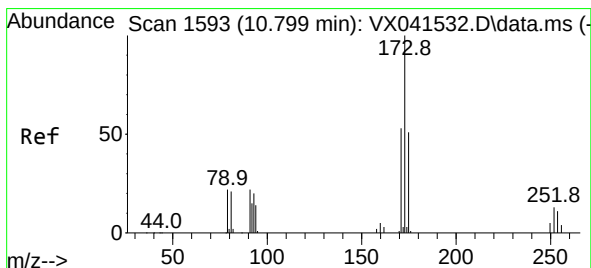
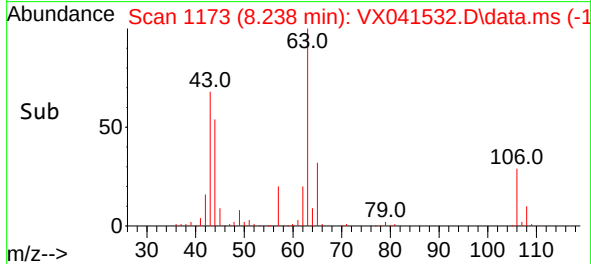
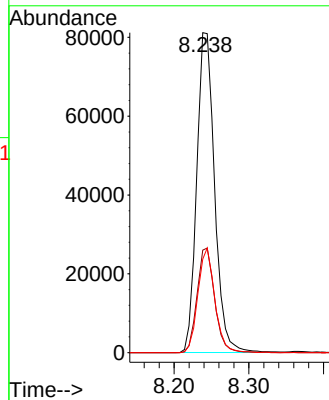
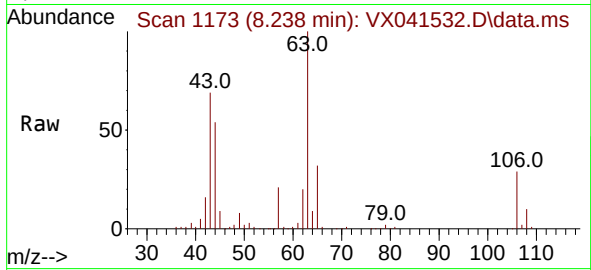
Tgt Ion:	63	Resp:	134672
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.5	38.3
106	30.9	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#56

Bromoform

Concen: 17.583 ug/l

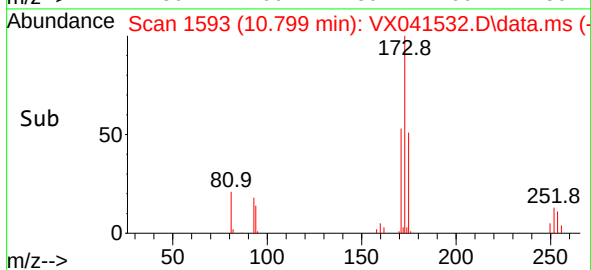
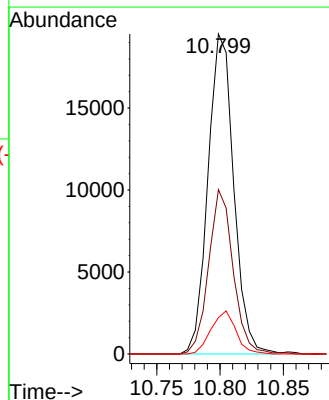
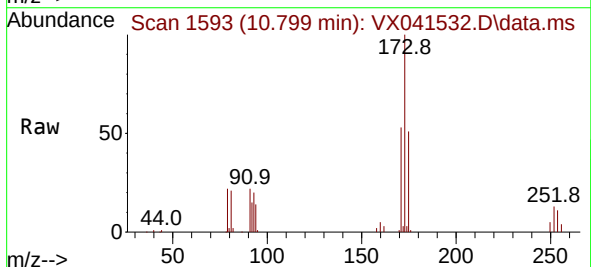
RT: 10.799 min Scan# 1593

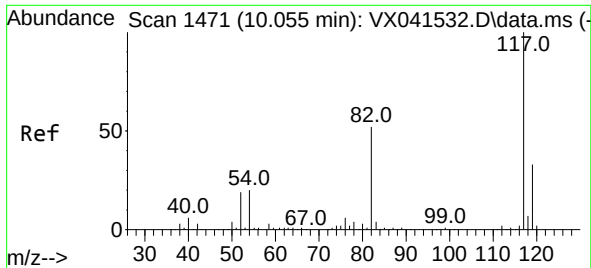
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion:	173	Resp:	27653
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.6
254	12.9	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: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

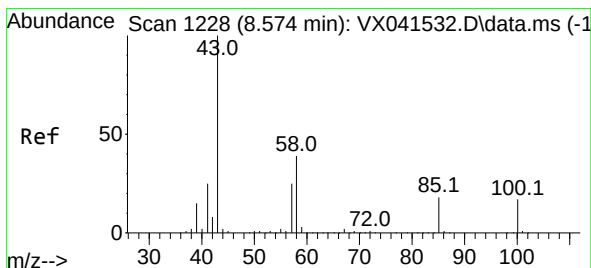
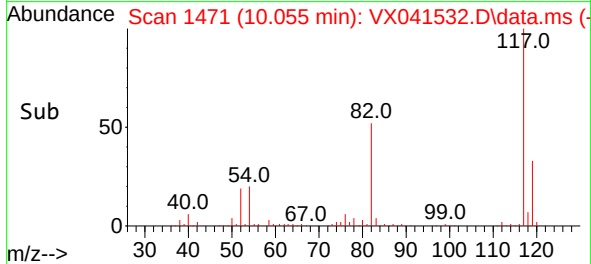
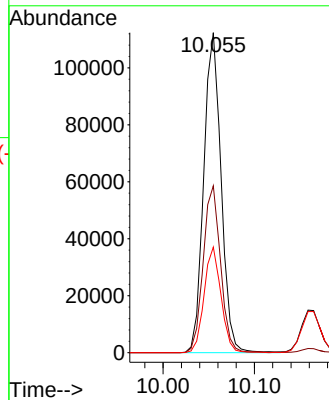
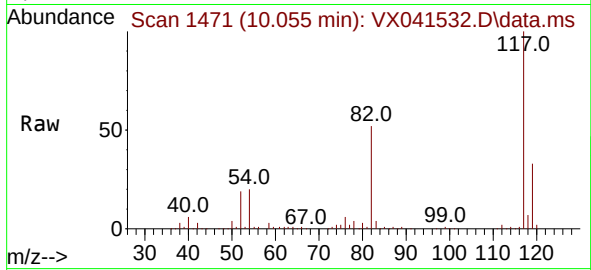
Tgt Ion:	117	Resp:	148084
Ion Ratio	Lower	Upper	
117	100		
82	52.1	41.7	62.5
119	32.1	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#58

4-Methyl-2-Pentanone

Concen: 100.261 ug/l

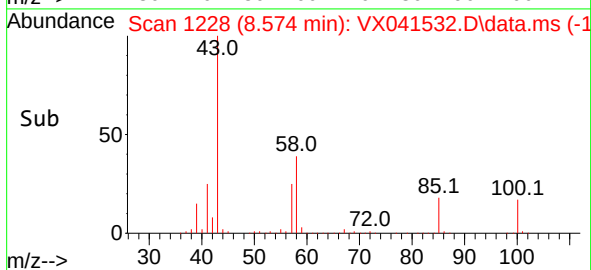
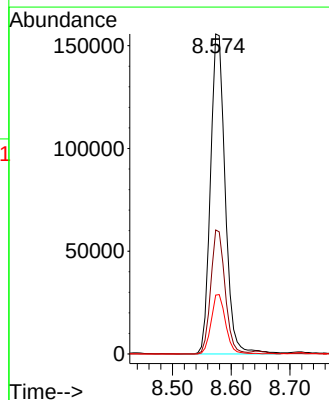
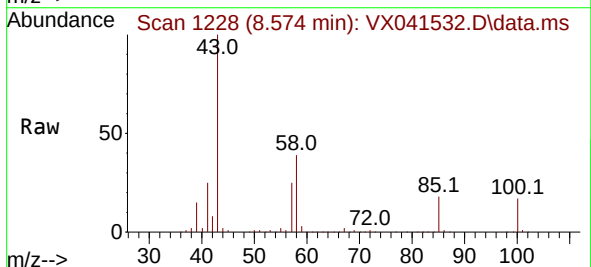
RT: 8.574 min Scan# 1228

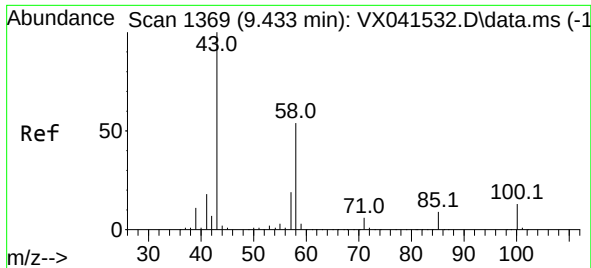
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

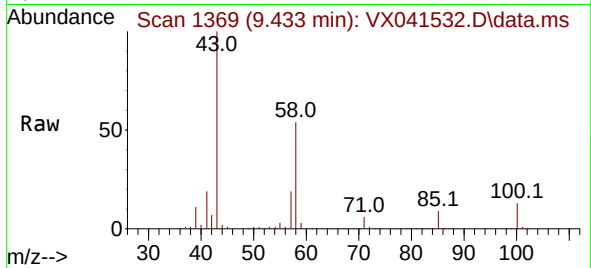
Tgt Ion:	43	Resp:	271279
Ion Ratio	Lower	Upper	
43	100		
58	37.8	30.2	45.4
85	18.2	14.6	21.8





#59
2-Hexanone
Concen: 97.793 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

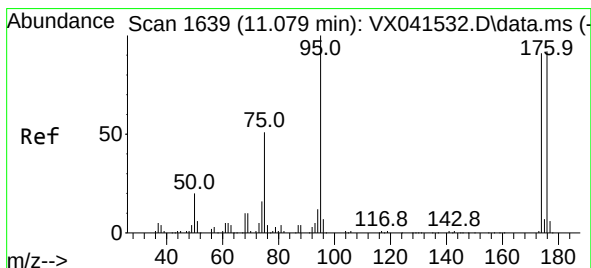
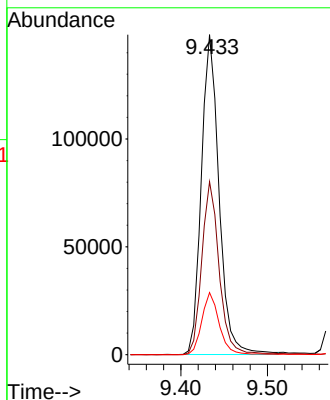
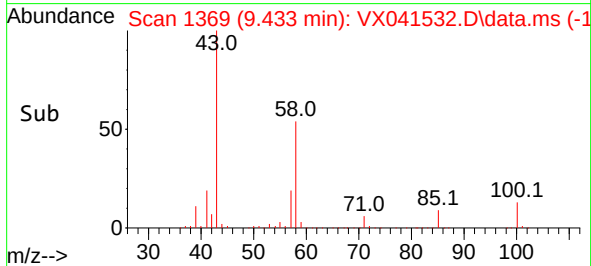
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 21079
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 18.9 15.1 22.7

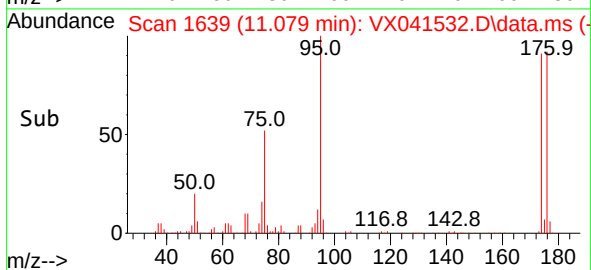
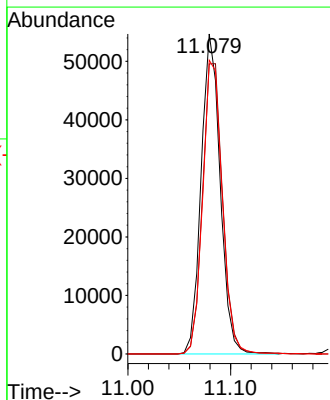
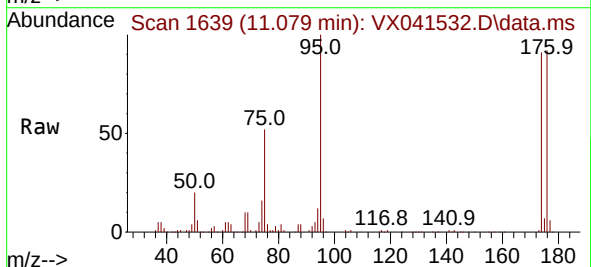
Manual Integrations
APPROVED

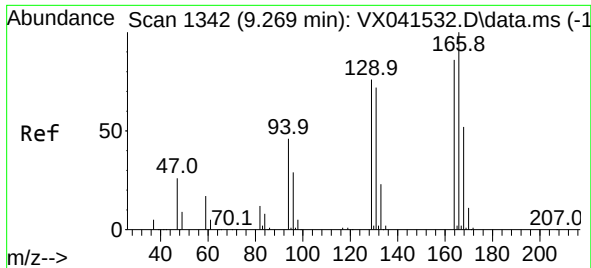
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
4-Bromofluorobenzene
Concen: 30.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

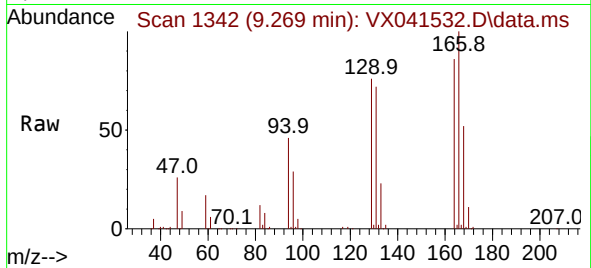
Tgt Ion: 95 Resp: 70517
Ion Ratio Lower Upper
95 100
174 95.8 76.6 115.0
176 94.2 75.4 113.0





#61
Tetrachloroethene
Concen: 19.559 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

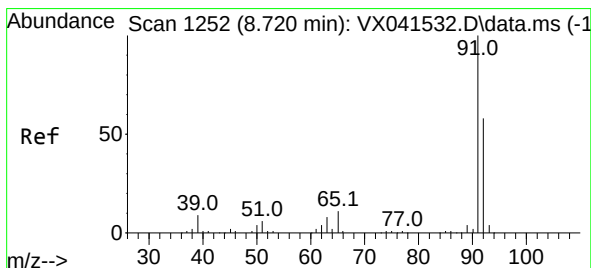
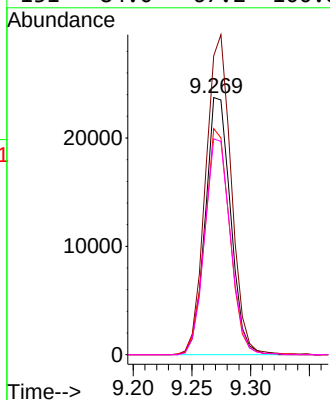
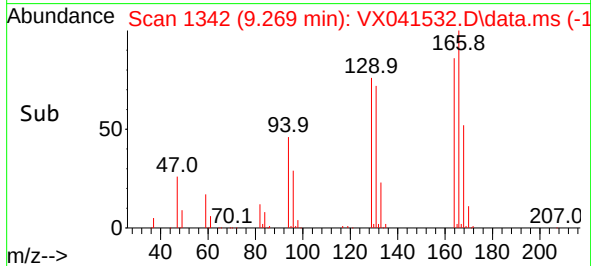
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



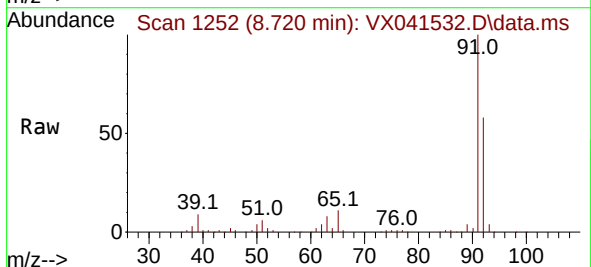
Tgt Ion:164 Resp: 35437
Ion Ratio Lower Upper
164 100
166 116.0 92.8 139.2
129 87.6 70.1 105.1
131 84.0 67.2 100.8

Manual Integrations
APPROVED

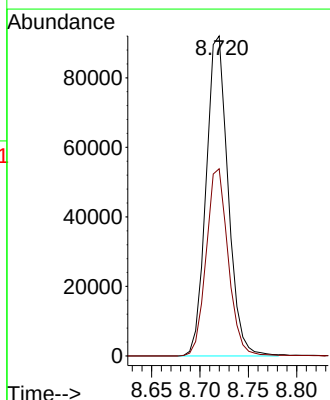
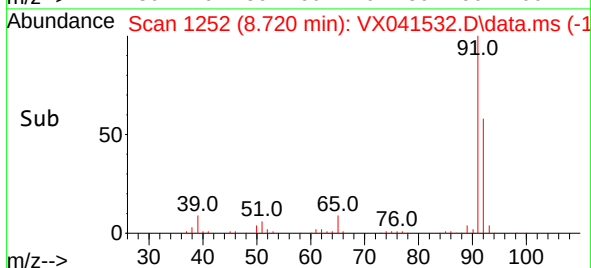
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

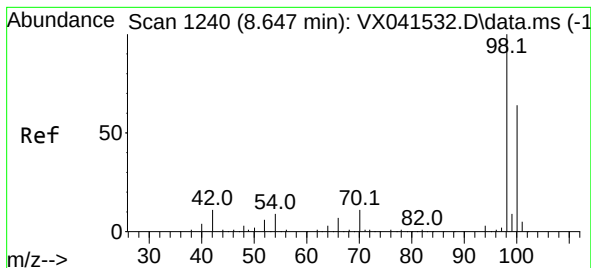


#62
Toluene
Concen: 19.730 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57



Tgt Ion: 91 Resp: 145377
Ion Ratio Lower Upper
91 100
92 58.8 47.0 70.6





#63

Toluene-d8

Concen: 30.363 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 192735

Ion Ratio Lower Upper

98 100

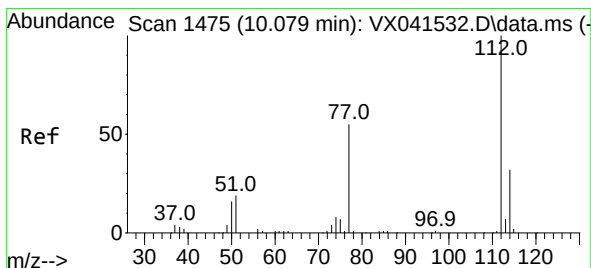
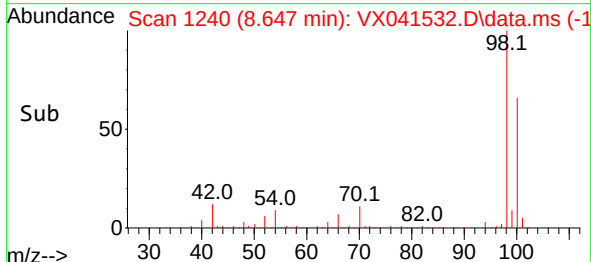
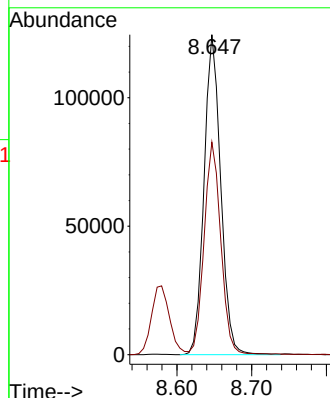
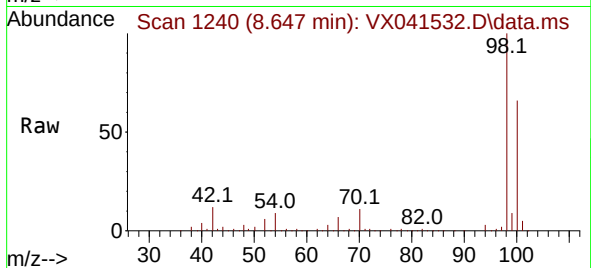
100 66.4 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#64

Chlorobenzene

Concen: 19.441 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041532.D

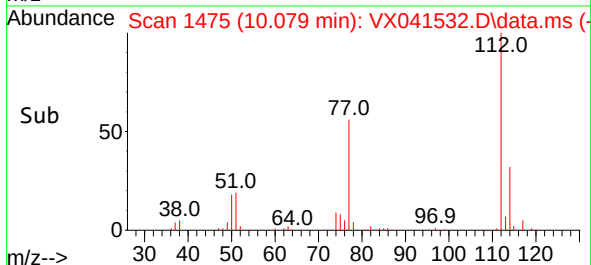
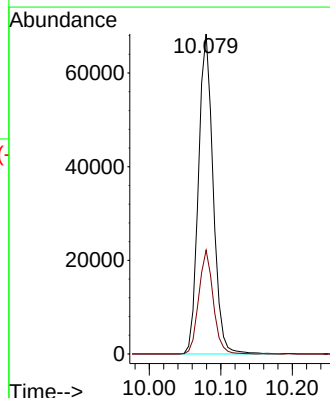
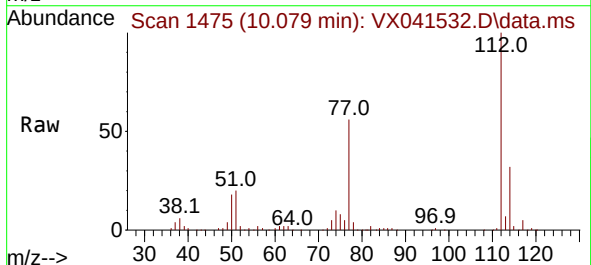
Acq: 15 May 2024 11:57

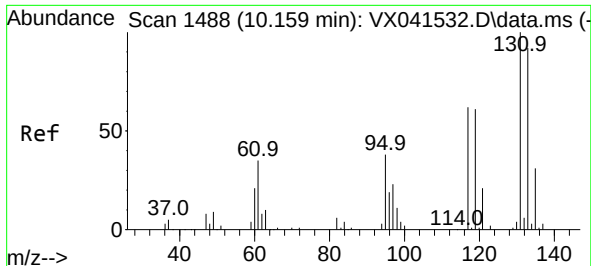
Tgt Ion:112 Resp: 97304

Ion Ratio Lower Upper

112 100

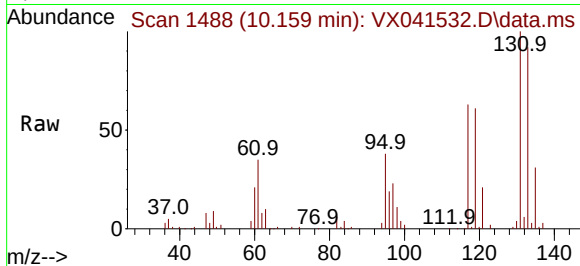
114 32.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.170 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

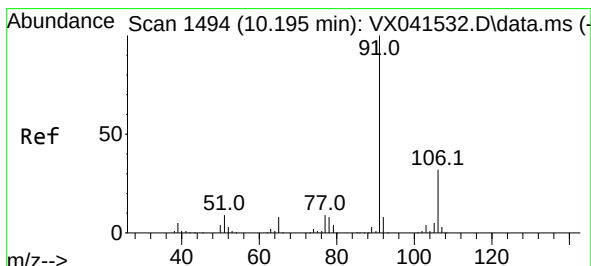
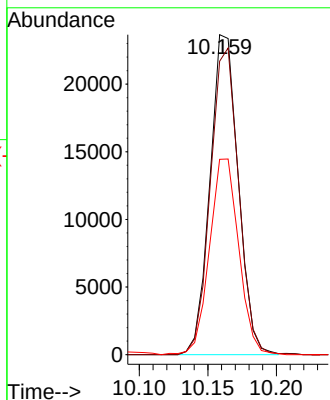
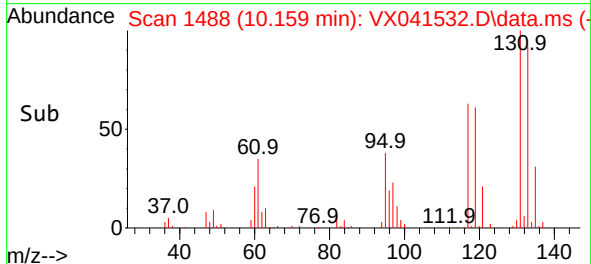
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 33958
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.6
119 63.2 0.0 126.4

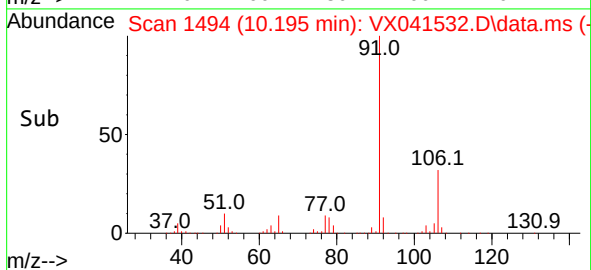
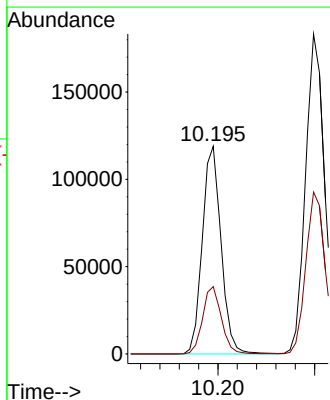
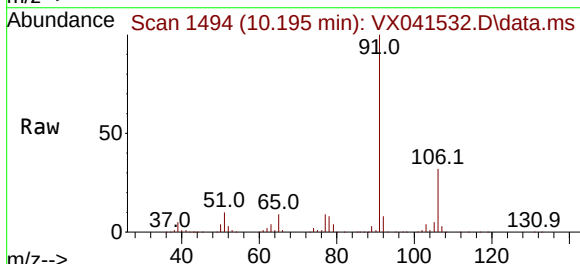
Manual Integrations
APPROVED

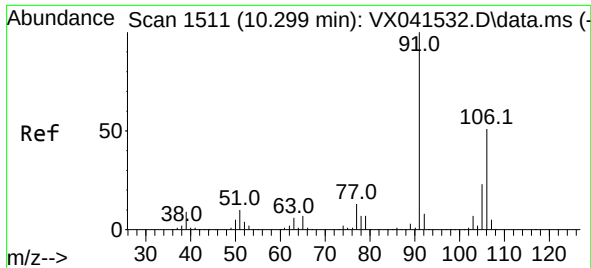
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
Ethyl Benzene
Concen: 19.669 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 91 Resp: 160938
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9





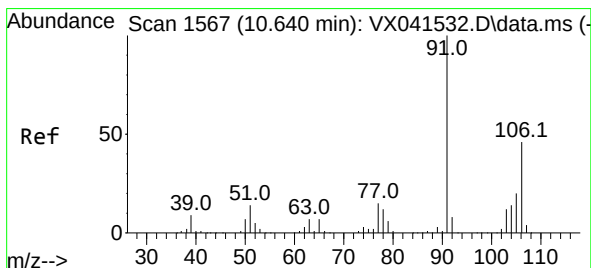
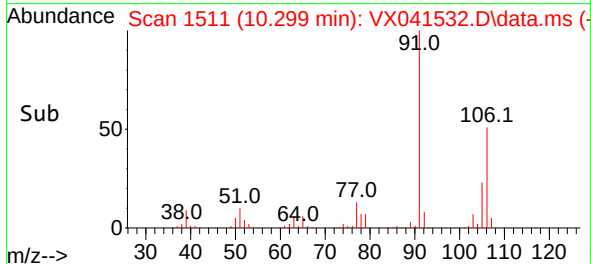
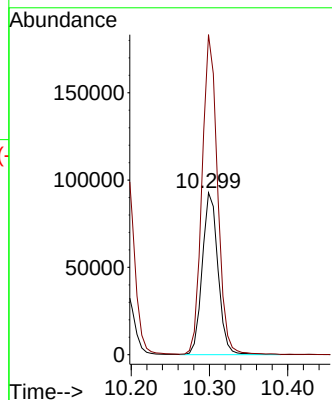
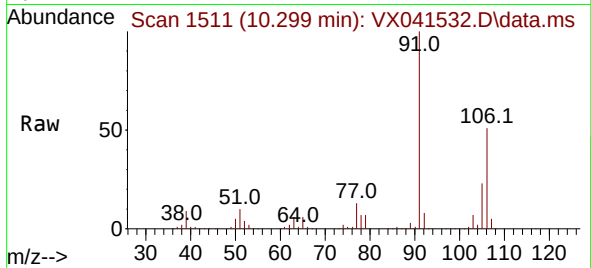
#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 129000
Ion Ratio Lower Upper
106 100
91 195.6 156.5 234.7

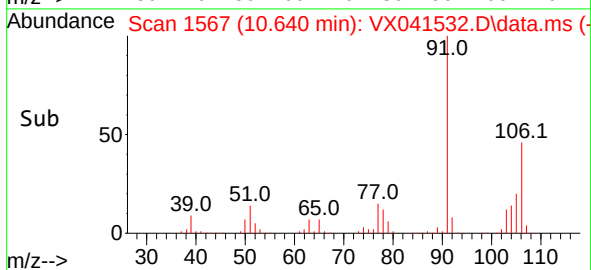
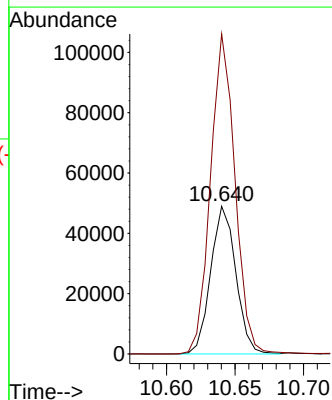
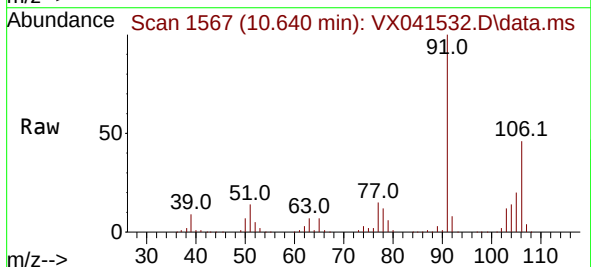
Manual Integrations
APPROVED

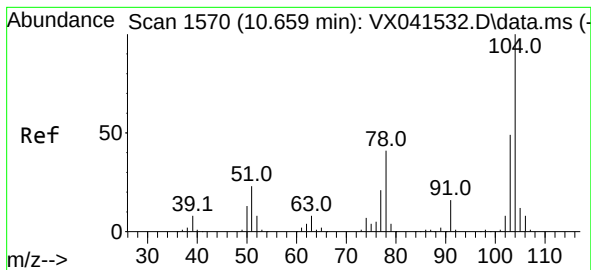
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#68
o-Xylene
Concen: 19.422 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:106 Resp: 62552
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.6





#69

Styrene

Concen: 19.291 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

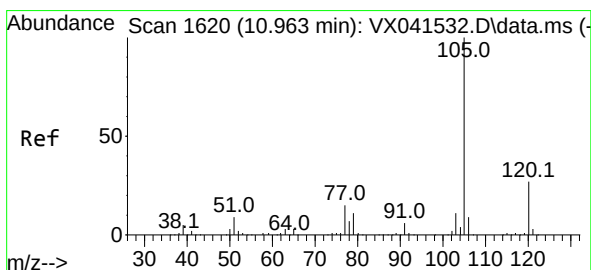
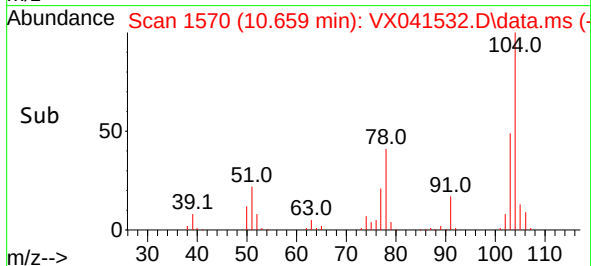
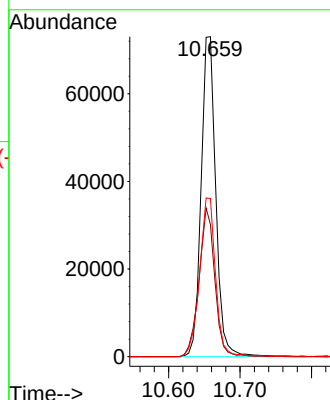
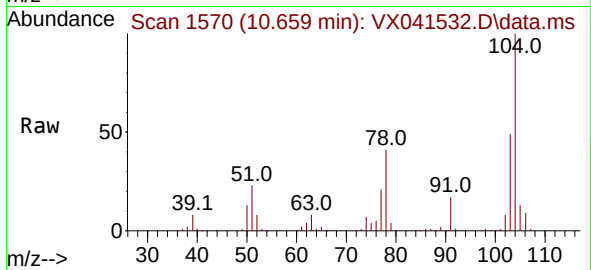
Tgt Ion:104 Resp: 10417
 Ion Ratio Lower Upper
 104 100
 78 49.1 39.3 58.9
 103 54.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#70

Isopropylbenzene

Concen: 20.171 ug/l

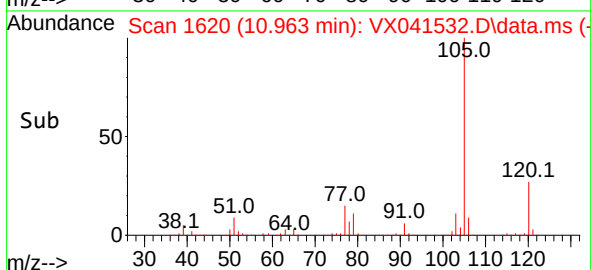
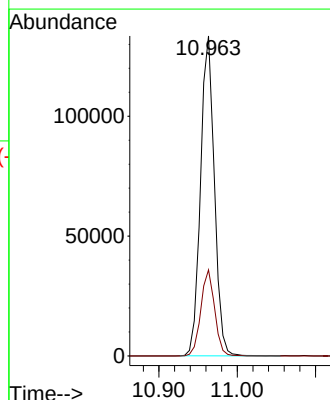
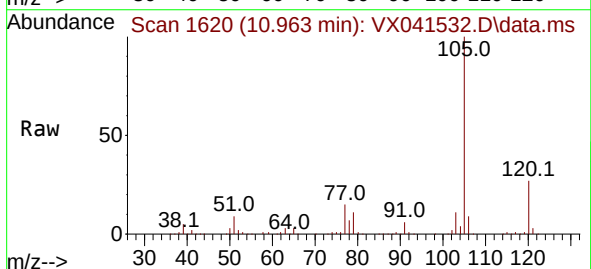
RT: 10.963 min Scan# 1620

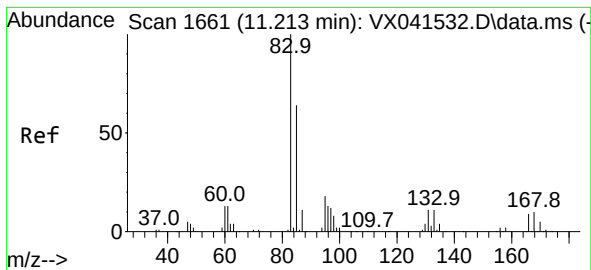
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion:105 Resp: 164152
 Ion Ratio Lower Upper
 105 100
 120 26.8 18.8 34.8





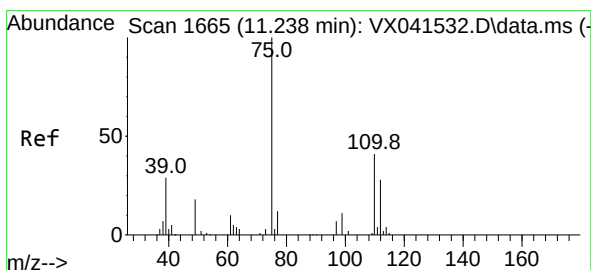
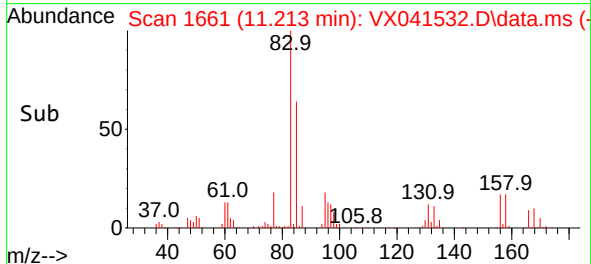
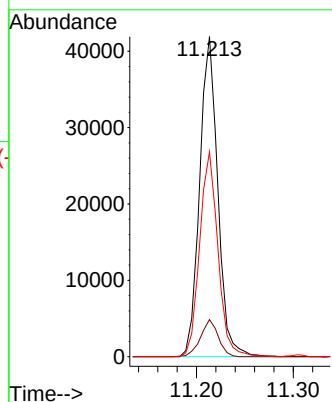
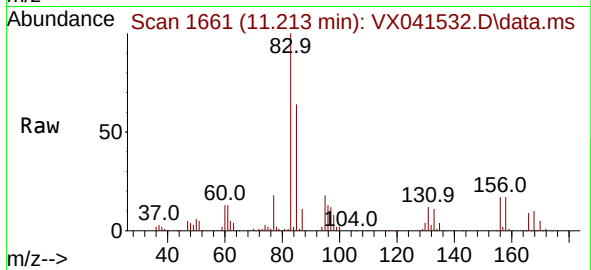
#71
1,1,2,2-Tetrachloroethane
Concen: 19.589 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 54760
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 64.5 32.3 96.8

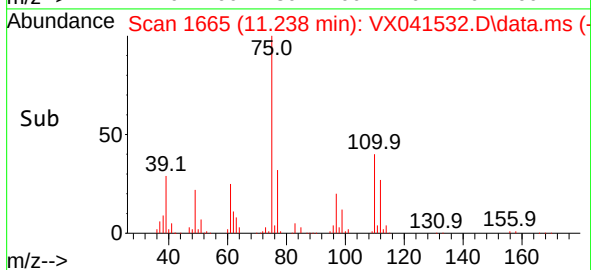
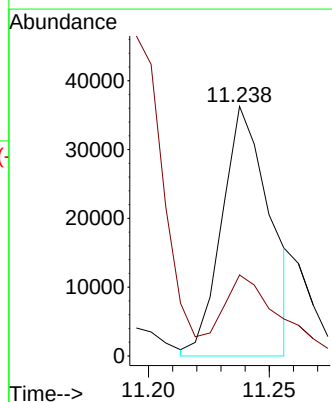
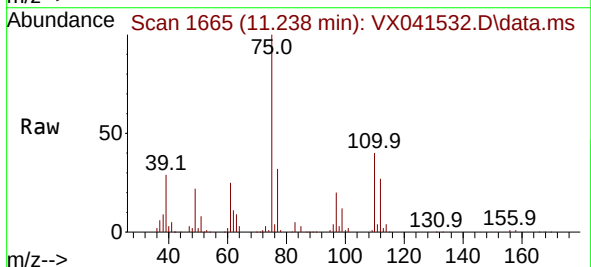
Manual Integrations
APPROVED

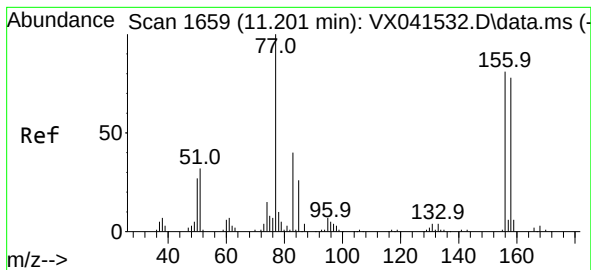
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,2,3-Trichloropropane
Concen: 20.264 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 75 Resp: 49979
Ion Ratio Lower Upper
75 100
77 39.4 0.0 78.8





#73

Bromobenzene

Concen: 19.287 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

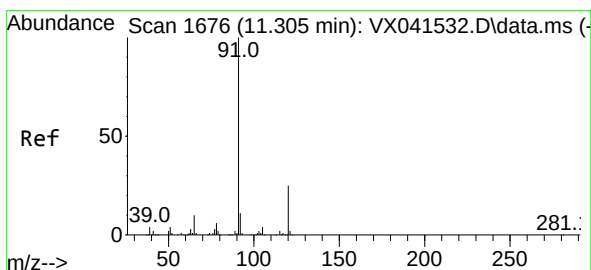
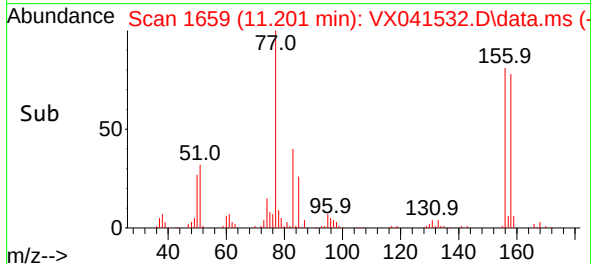
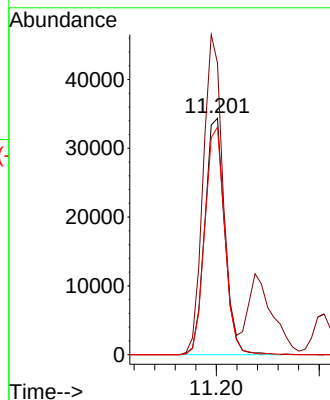
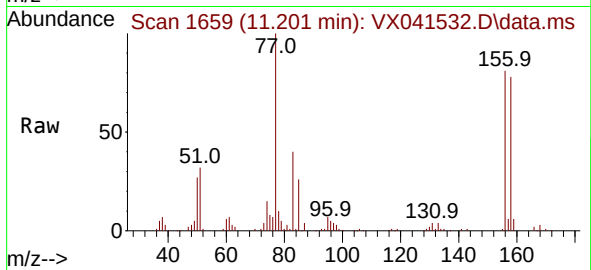
Tgt Ion:	156	Resp:	46119
Ion Ratio	Lower	Upper	
156	100		
77	133.7	0.0	267.4
158	96.4	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#74

n-propylbenzene

Concen: 19.578 ug/l

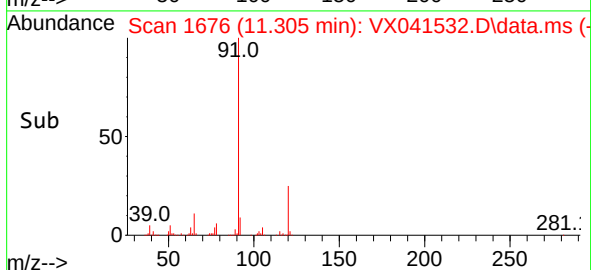
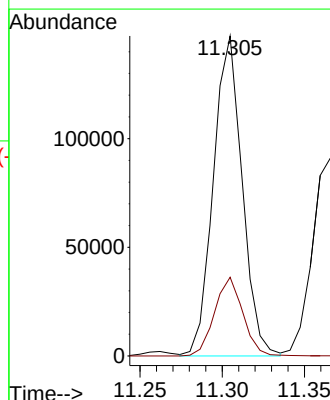
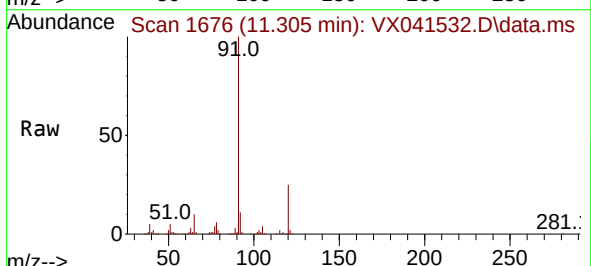
RT: 11.305 min Scan# 1676

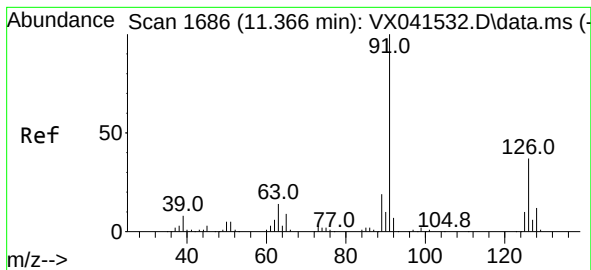
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion:	91	Resp:	179656
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	48.4





#75

2-Chlorotoluene

Concen: 19.763 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 11388

Ion Ratio Lower Upper

91 100

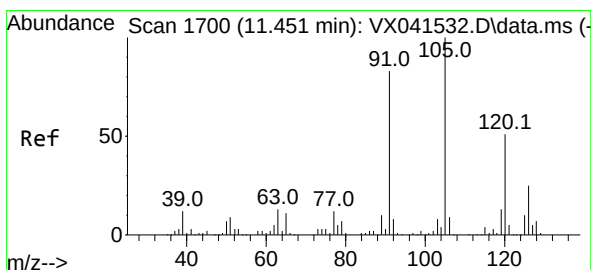
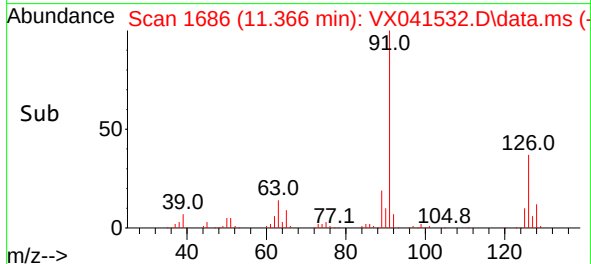
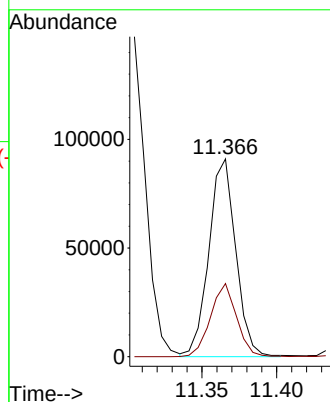
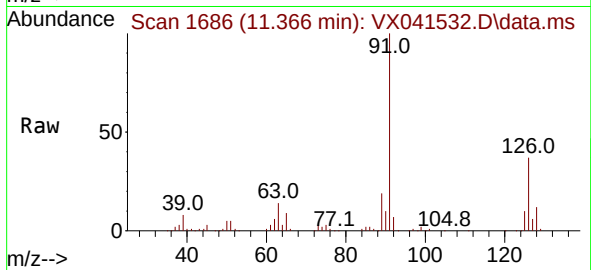
126 35.8 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.502 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041532.D

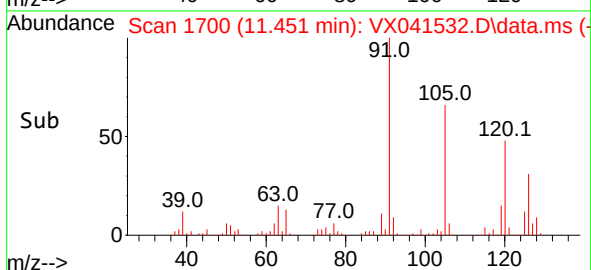
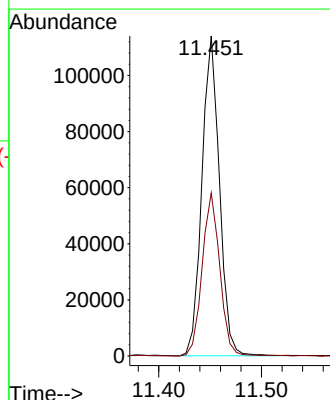
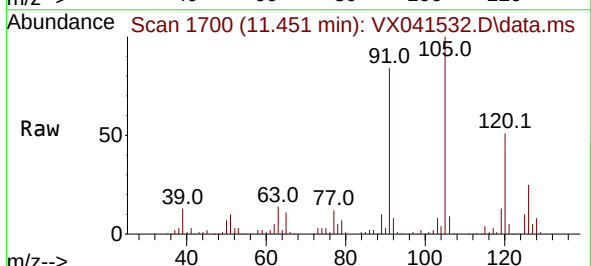
Acq: 15 May 2024 11:57

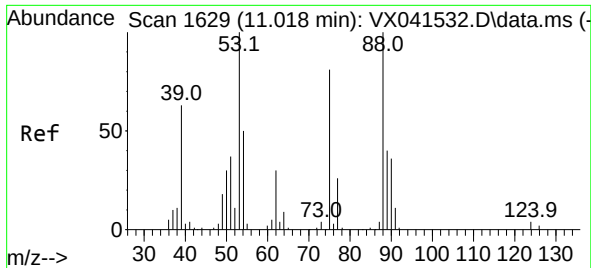
Tgt Ion:105 Resp: 135470

Ion Ratio Lower Upper

105 100

120 51.3 0.0 102.6





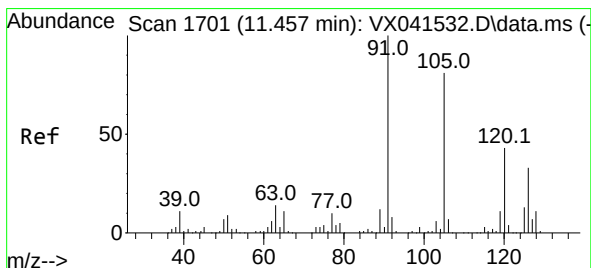
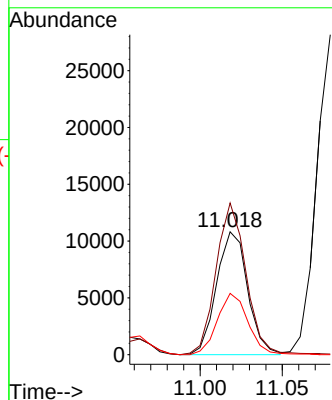
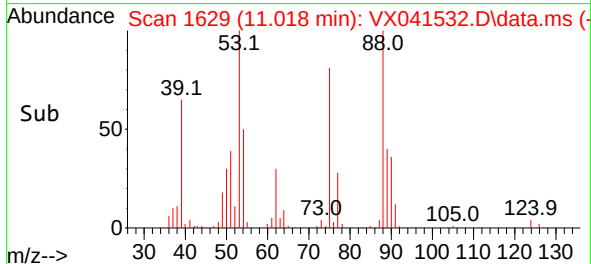
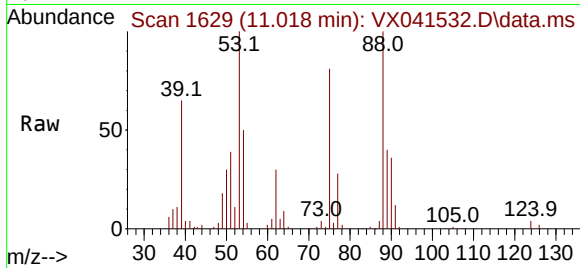
#77
t-1,4-Dichloro-2-butene
Concen: 17.976 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 1424
Ion Ratio Lower Upper
75 100
53 123.5 61.8 185.3
89 49.8 24.9 74.7

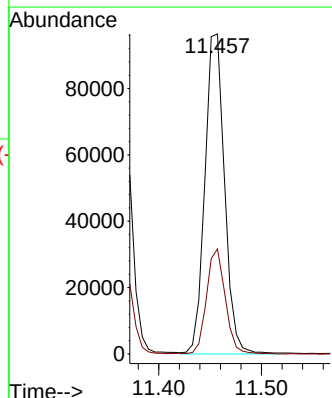
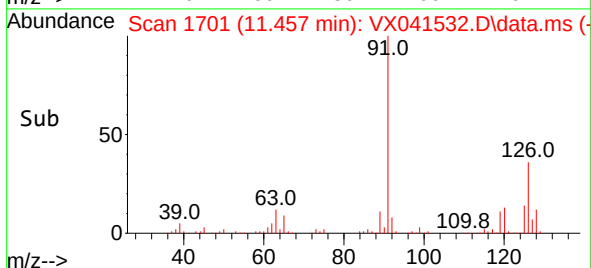
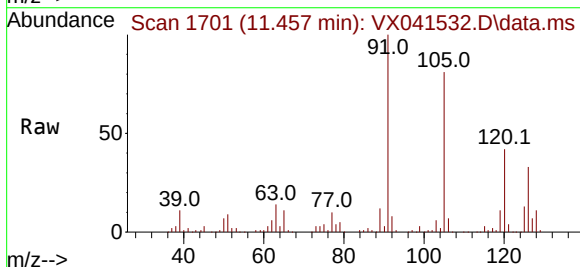
Manual Integrations
APPROVED

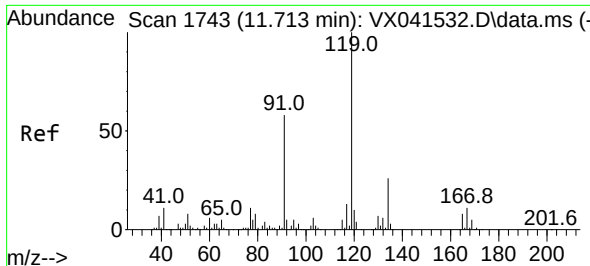
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
4-Chlorotoluene
Concen: 19.660 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

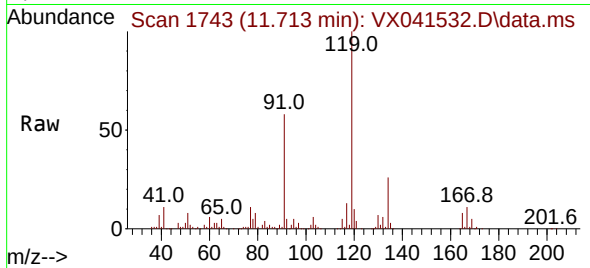
Tgt Ion: 91 Resp: 129039
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.2





#79
tert-butylbenzene
Concen: 19.496 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

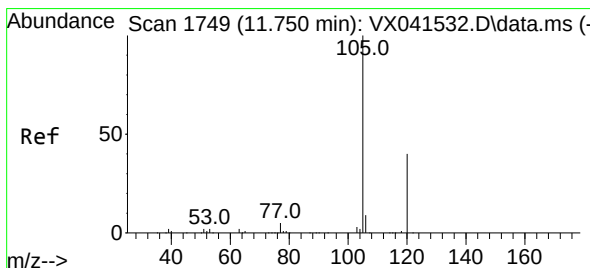
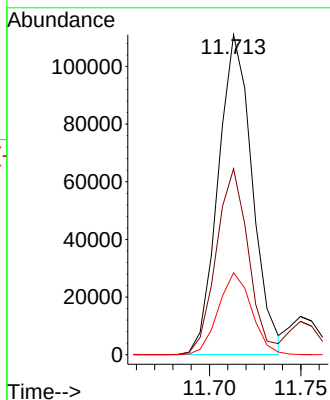
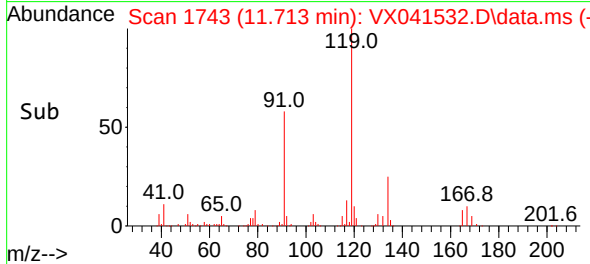
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 144140
Ion Ratio Lower Upper
119 100
91 55.0 0.0 110.0
134 25.0 0.0 50.0

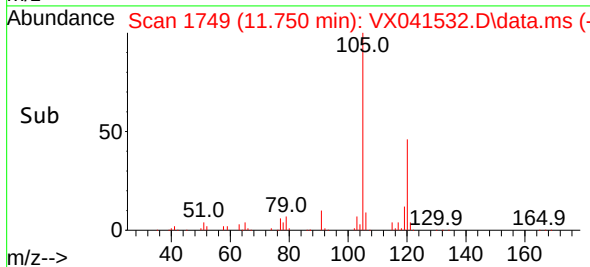
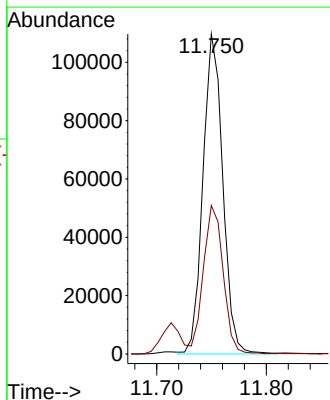
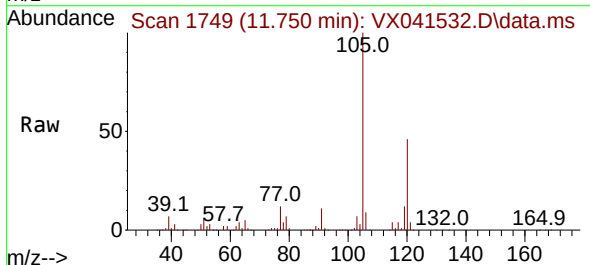
Manual Integrations
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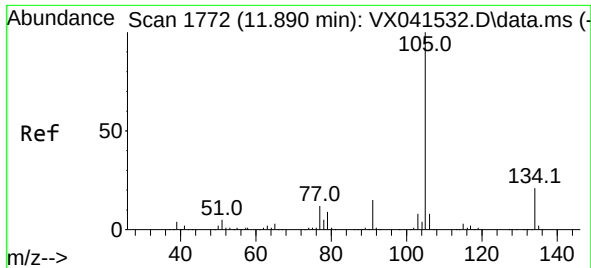
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.786 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

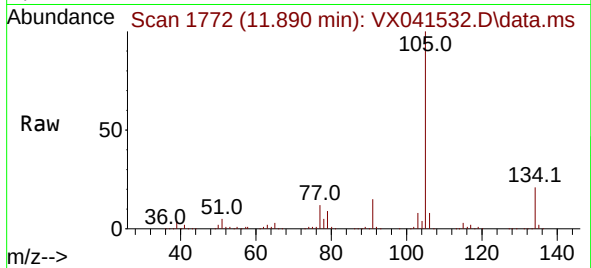
Tgt Ion:105 Resp: 137759
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 19.456 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

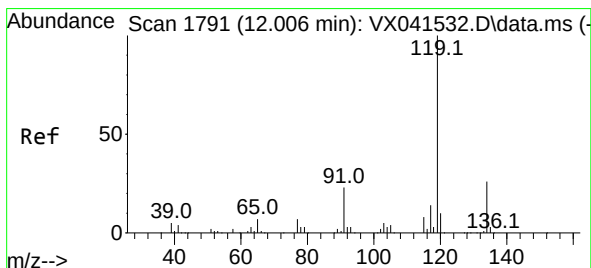
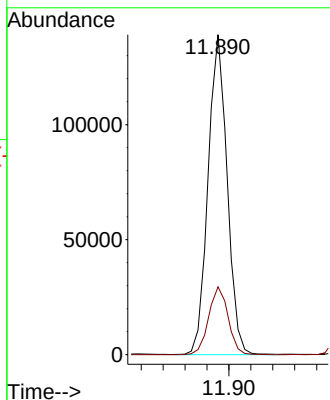
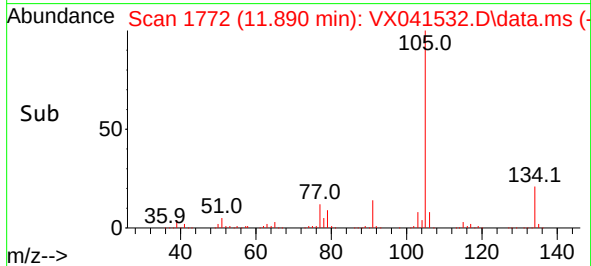
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



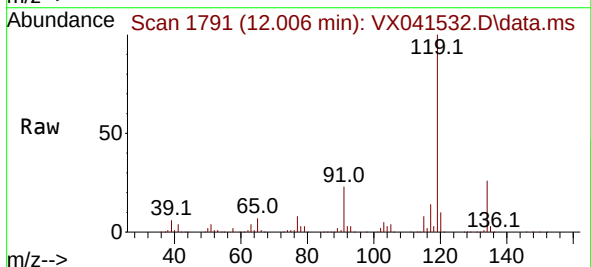
Tgt Ion:105 Resp: 16808
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.4

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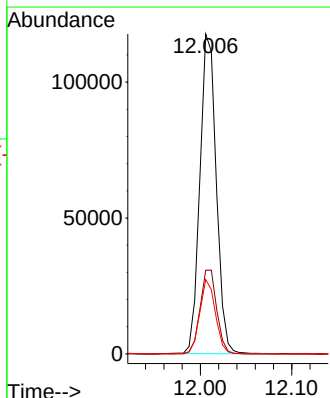
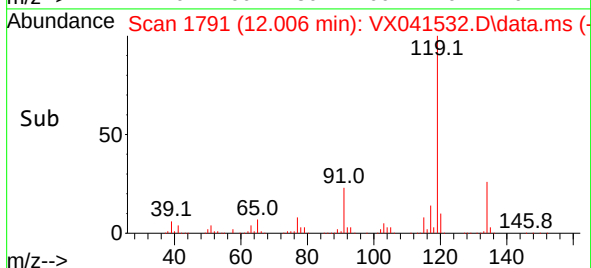
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

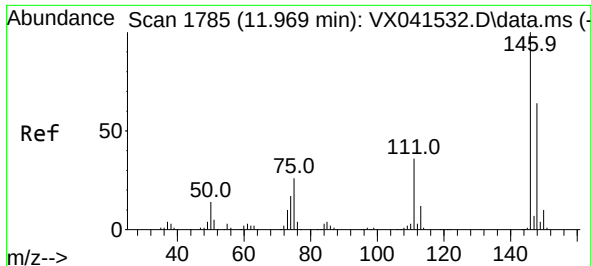


#82
 p-Isopropyltoluene
 Concen: 19.327 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57



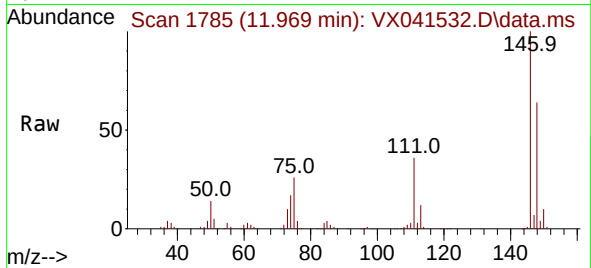
Tgt Ion:119 Resp: 146162
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 22.4 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 19.145 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

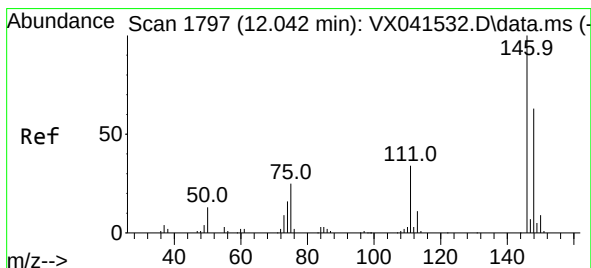
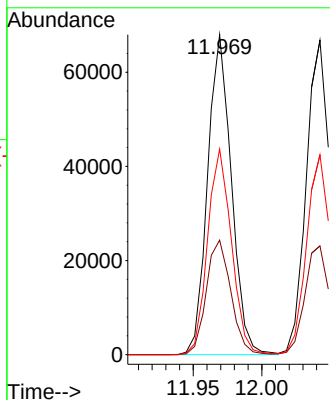
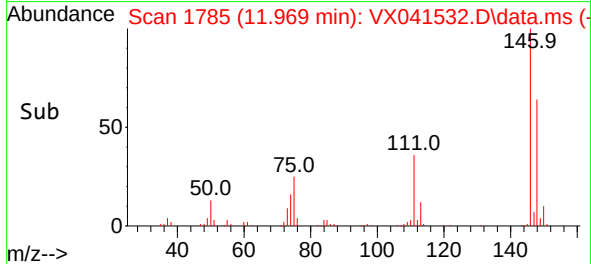
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



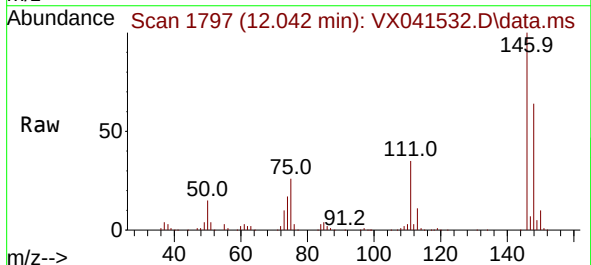
Tgt Ion:146 Resp: 8210
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 64.6 32.3 96.9

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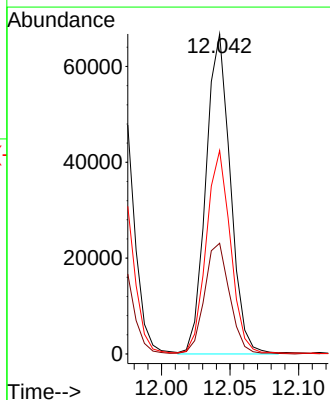
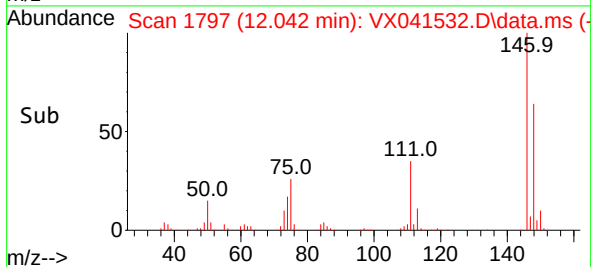
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

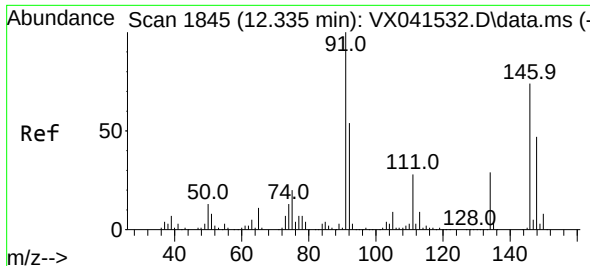


#84
1,4-Dichlorobenzene
Concen: 19.158 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57



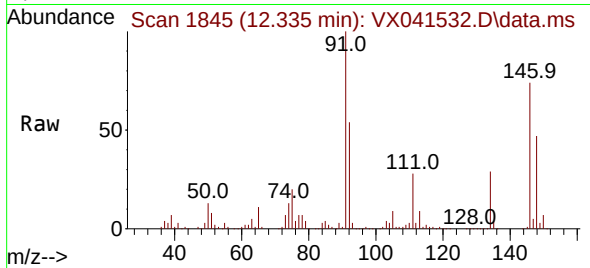
Tgt Ion:146 Resp: 83018
Ion Ratio Lower Upper
146 100
111 35.7 17.8 53.5
148 63.7 31.9 95.5





#85
n-Butylbenzene
Concen: 18.561 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

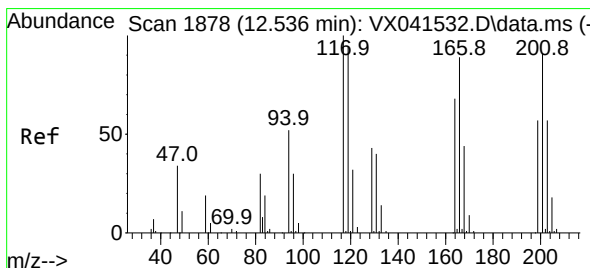
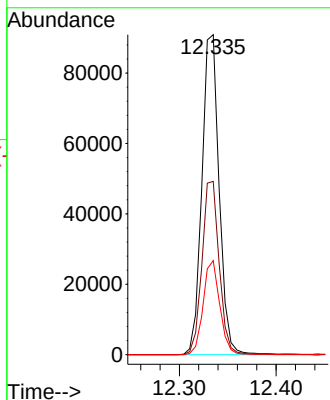
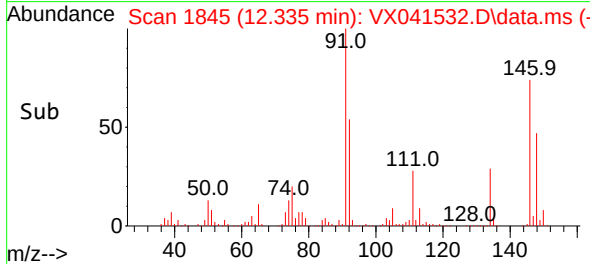
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 112949
Ion Ratio Lower Upper
91 100
92 54.2 0.0 108.4
134 28.3 0.0 56.6

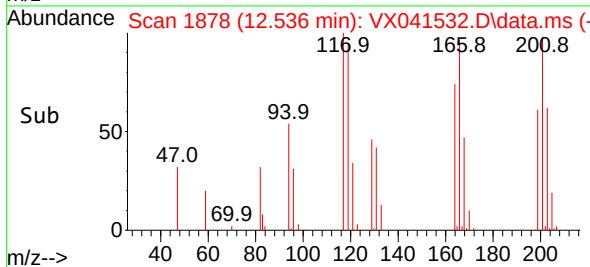
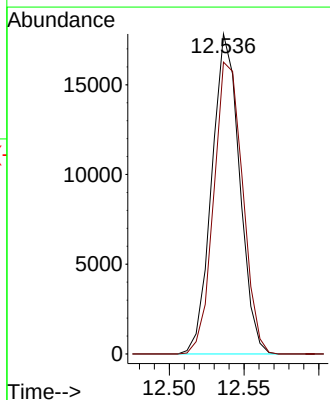
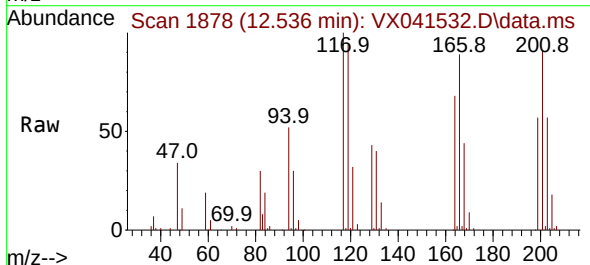
Manual Integrations
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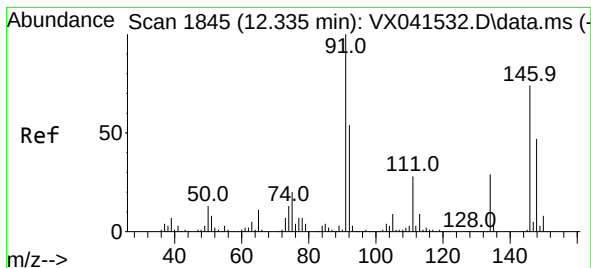
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#86
Hexachloroethane
Concen: 18.104 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:117 Resp: 23054
Ion Ratio Lower Upper
117 100
201 94.5 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 19.346 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 8468

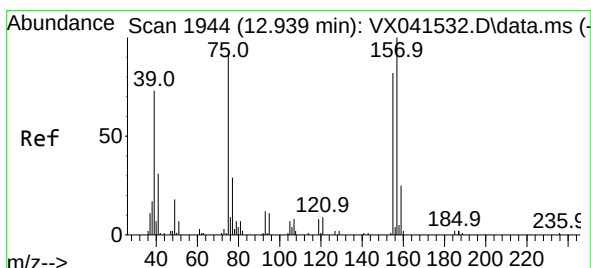
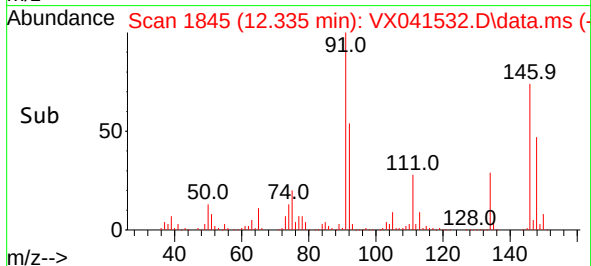
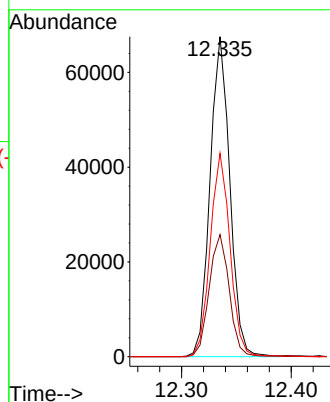
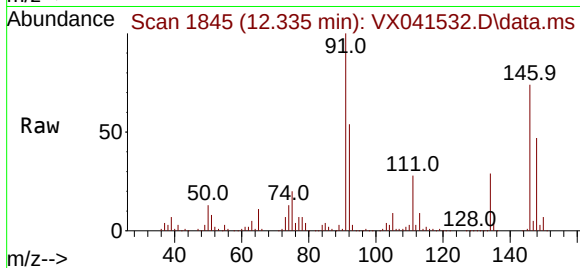
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.6	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.771 ug/l

RT: 12.939 min Scan# 1944

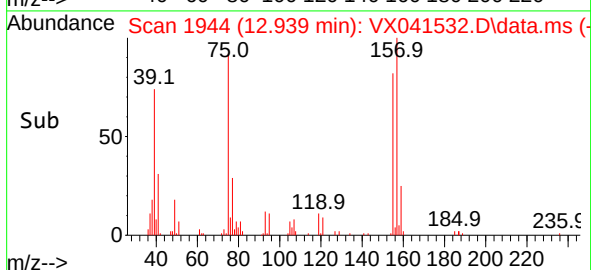
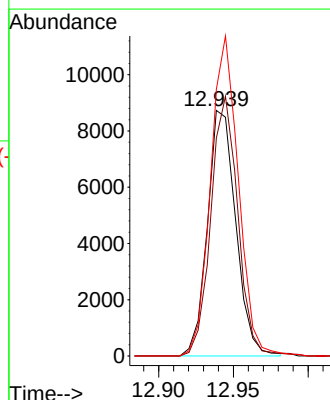
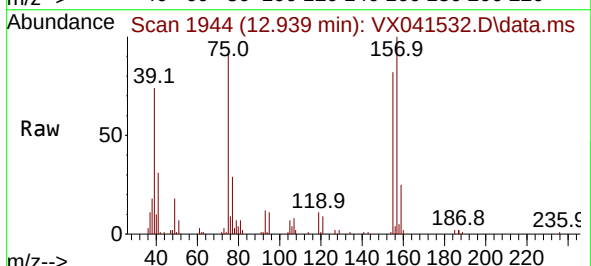
Delta R.T. 0.000 min

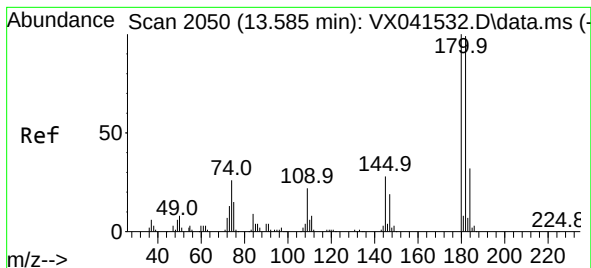
Lab File: VX041532.D

Acq: 15 May 2024 11:57

Tgt Ion: 75 Resp: 11525

Ion	Ratio	Lower	Upper
75	100		
155	100.5	80.4	120.6
157	127.7	102.2	153.2





#89

1,2,4-Trichlorobenzene

Concen: 18.730 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

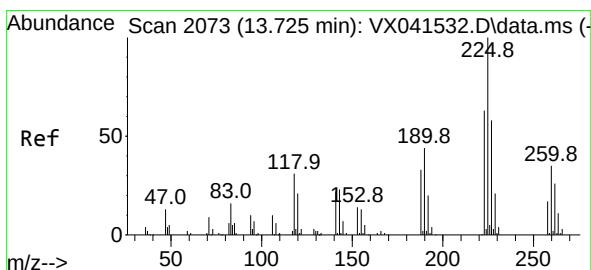
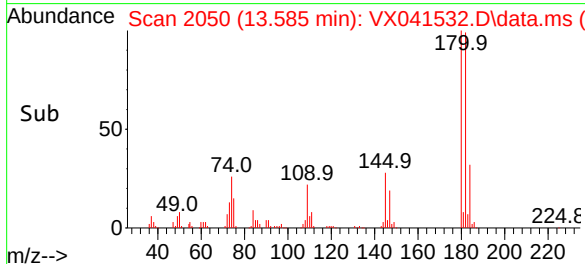
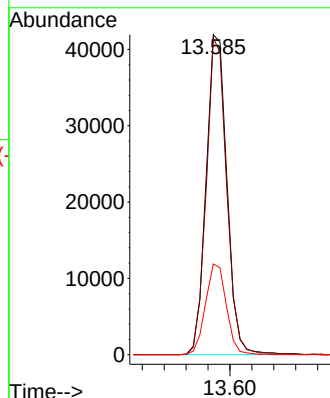
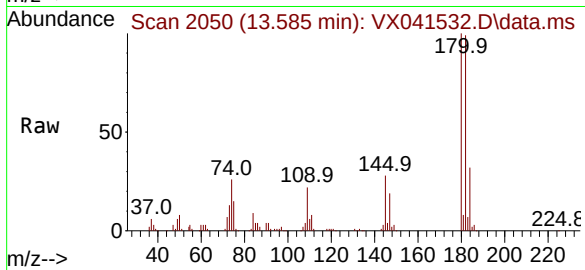
Tgt Ion:180	Resp:	5508
Ion Ratio	Lower	Upper
180	100	
182	96.2	77.0 115.4
145	28.4	22.7 34.1

Manual Integrations

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#90

Hexachlorobutadiene

Concen: 19.175 ug/l

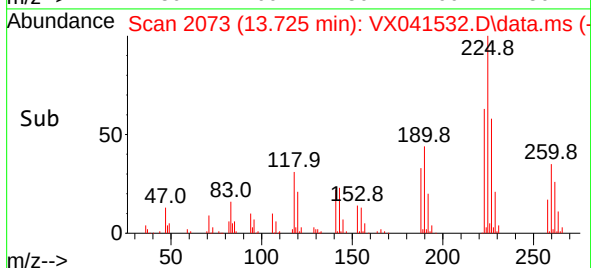
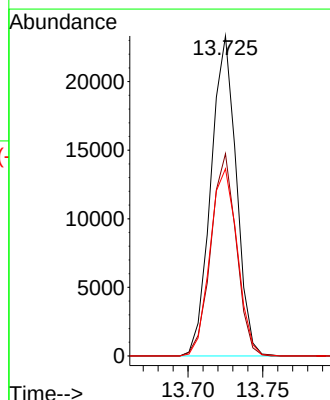
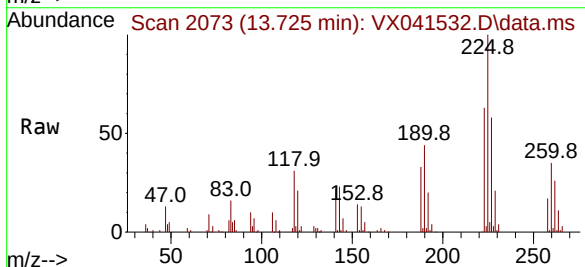
RT: 13.725 min Scan# 2073

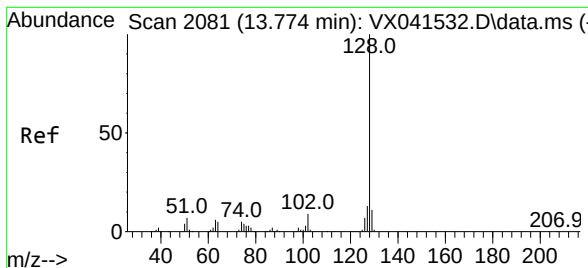
Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

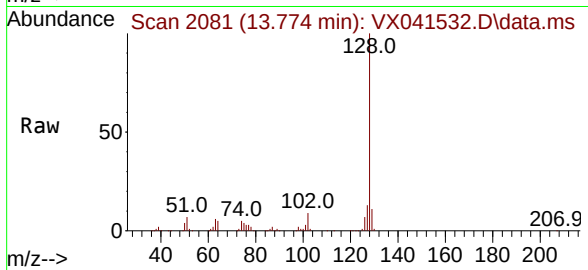
Tgt Ion:225	Resp:	27514
Ion Ratio	Lower	Upper
225	100	
223	62.9	0.0 125.8
227	62.8	0.0 125.6





#91
Naphthalene
Concen: 19.084 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

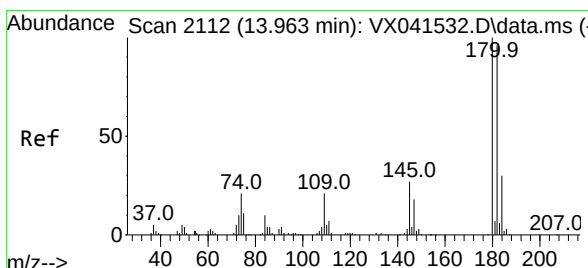
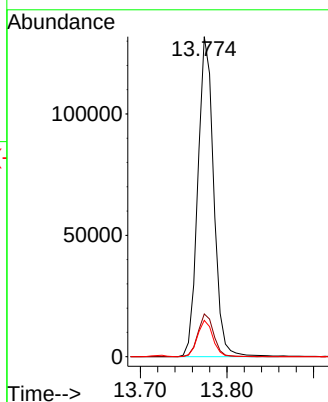
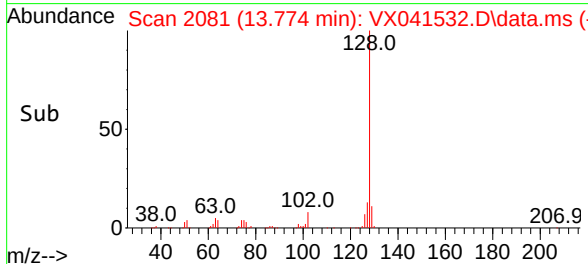
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 16776
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.328 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:180 Resp: 58080
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 29.3 0.0 58.6

