

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035324.D
 Acq On : 26 Apr 2023 19:26
 Operator : JC/MD
 Sample : 02419-12MSD
 Misc : 4.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MSD

Quant Time: Apr 27 04:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	467580	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	408572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	208092	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	124144	41.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.360%
7) Chloroethane-d5	1.672	69	85387m	39.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.380%
11) 1,1-Dichloroethene-d2	2.288	65	64808	44.924	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
21) 2-Butanone-d5	4.489	46	167085	83.162	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.056	84	274877	48.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
26) 1,2-Dichloroethane-d4	5.952	65	174185	47.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
32) Benzene-d6	5.970	84	576014	49.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	7.305	67	173776	48.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	8.647	98	530565	49.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	8.952	79	79009	50.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.860%
47) 2-Hexanone-d5	9.421	63	124238	86.295	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.290%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	204822	46.650	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.300%
66) 1,2-Dichlorobenzene-d4	12.323	152	197383	48.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	163897m	46.770	ug/L	
3) Chloromethane	1.294	50	133143	41.749	ug/L	98
5) Vinyl chloride	1.374	62	134685	40.696	ug/L	100
6) Bromomethane	1.617	94	80043	40.722	ug/L	99
8) Chloroethane	1.691	64	71808m	38.904	ug/L	
9) Trichlorofluoromethane	1.880	101	166457	37.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	154198	50.363	ug/L	98
12) 1,1-Dichloroethene	2.300	96	131374	47.029	ug/L	98
13) Acetone	2.416	43	120007	80.533	ug/L	100
14) Carbon disulfide	2.495	76	274859	39.824	ug/L	100
15) Methyl Acetate	2.715	43	153035	47.941	ug/L	97
16) Methylene chloride	2.782	84	153779	49.440	ug/L	94
17) trans-1,2-Dichloroethene	3.081	96	139708	48.568	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	510445	51.311	ug/L	99
19) 1,1-Dichloroethane	3.605	63	269755	48.648	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	167248	49.730	ug/L	98
22) 2-Butanone	4.586	43	195496	85.471	ug/L	99
23) Bromochloromethane	4.897	128	82629	49.606	ug/L	95
25) Chloroform	5.092	83	286116	50.892	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	222433	49.397	ug/L	99
29) Cyclohexane	5.458	56	255945	51.846	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	238637	49.800	ug/L	97
31) Carbon tetrachloride	5.672	117	201035	49.476	ug/L	98
33) Benzene	6.031	78	612835	49.530	ug/L	100
34) Trichloroethene	7.123	95	163715	49.741	ug/L	98
35) Methylcyclohexane	7.379	83	268411	60.554	ug/L	98
37) 1,2-Dichloropropane	7.427	63	162417	49.858	ug/L	99
38) Bromodichloromethane	7.824	83	187430	48.696	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	251444	51.622	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	395833m	92.177	ug/L	
42) Toluene	8.720	91	661246	51.510	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	229581	52.310	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	160111	51.796	ug/L	97
46) Tetrachloroethene	9.275	164	134958	55.046	ug/L	98
48) 2-Hexanone	9.464	43	299208m	91.770	ug/L	
49) Dibromochloromethane	9.525	129	147617	50.249	ug/L	100
50) 1,2-Dibromoethane	9.610	107	167690	52.135	ug/L	99
51) Chlorobenzene	10.079	112	432791	51.173	ug/L	98
52) Ethylbenzene	10.195	91	746872	52.631	ug/L	100
53) m,p-Xylene	10.305	106	289292	53.237	ug/L	95
54) o-Xylene	10.640	106	280840	52.567	ug/L	94
55) Styrene	10.659	104	470833	52.016	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.219	83	222167	48.767	ug/L	99
59) Bromoform	10.811	173	97660	45.591	ug/L	100
60) Isopropylbenzene	10.963	105	759088	53.647	ug/L	99
61) 1,2,3-Trichloropropane	11.250	75	175162	45.592	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	640580	55.358	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	636494	55.318	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	338201	52.407	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	340493	51.563	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	330356	50.487	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40396	42.612	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	246319	61.741	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	232044	62.116	ug/L	100
71) Naphthalene	13.774	128	726013	54.560	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	223175	60.516	ug/L	98

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

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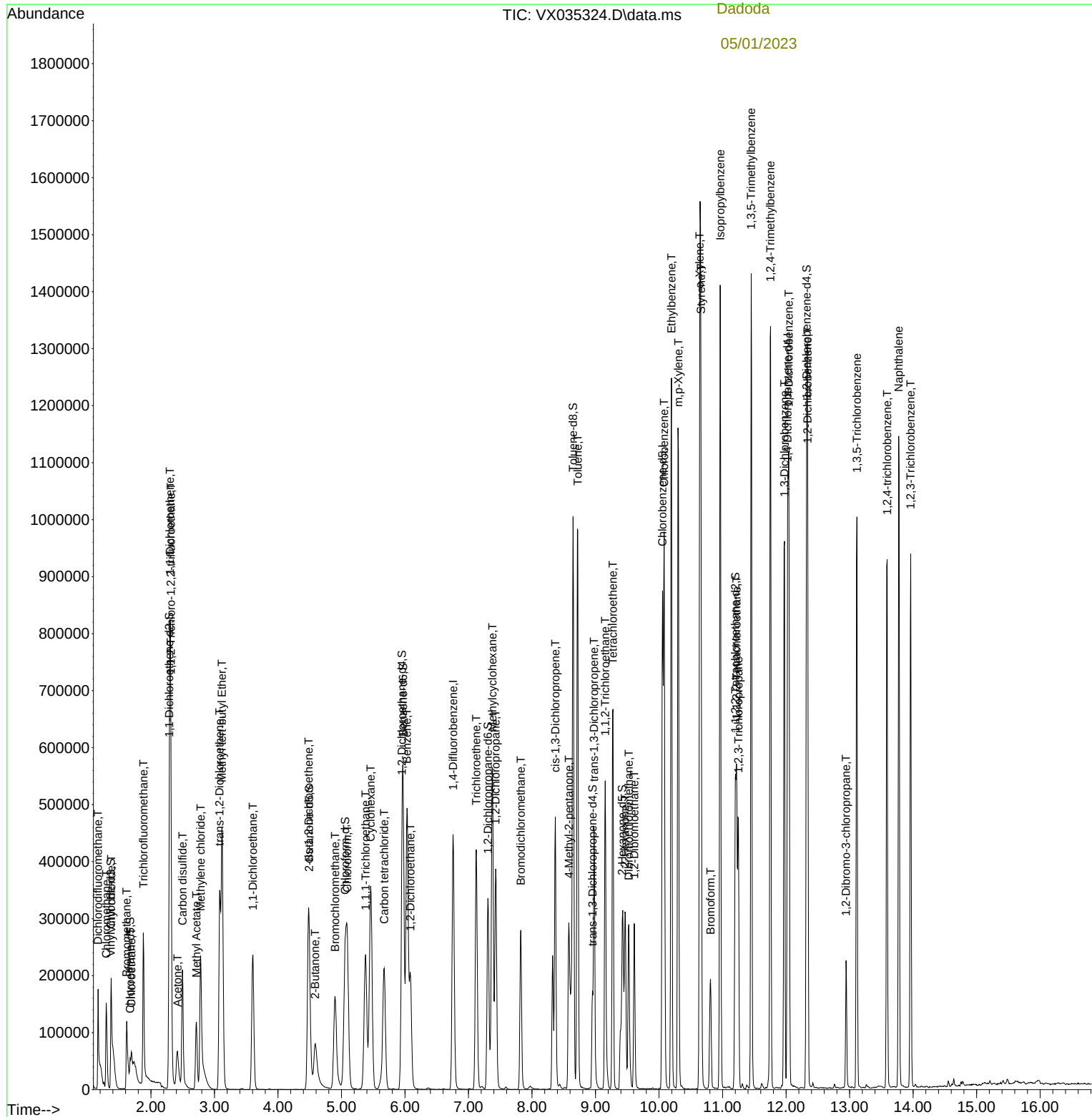
Quant Time: Apr 27 04:44:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
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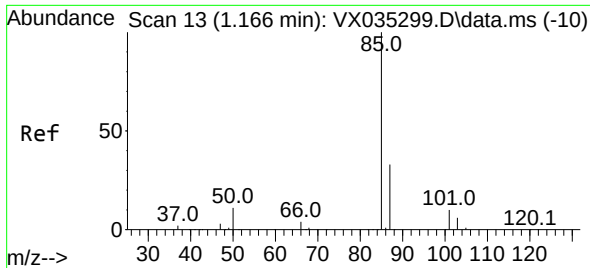
Manual Integrations
APPROVED

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Carlone

04/27/2023
Supervised By :Mahesh
Dadoda

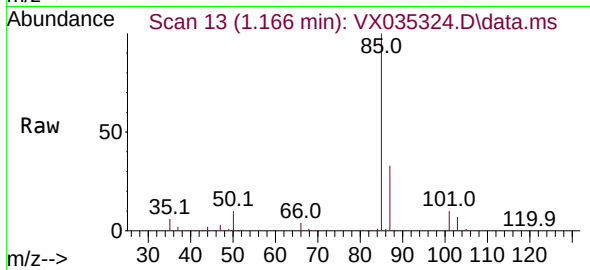
05/01/2023





#2
Dichlorodifluoromethane
Concen: 46.770 ug/L m
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
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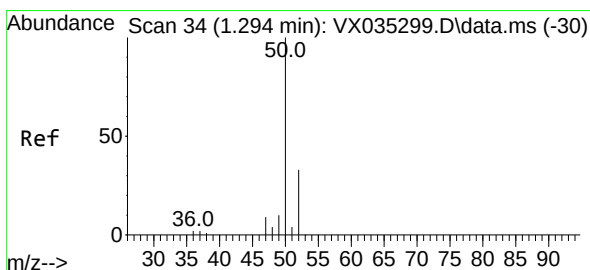
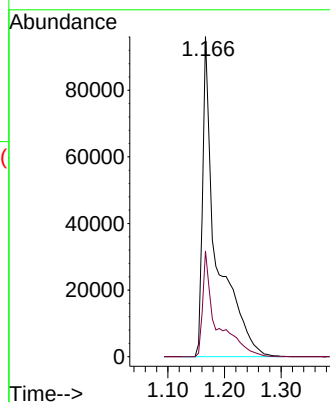
Tgt Ion: 85 Resp: 16389
Ion Ratio Lower Upper
85 100
87 19.2 26.2 39.4

Manual Integrations
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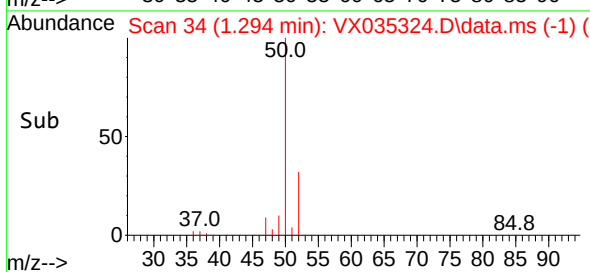
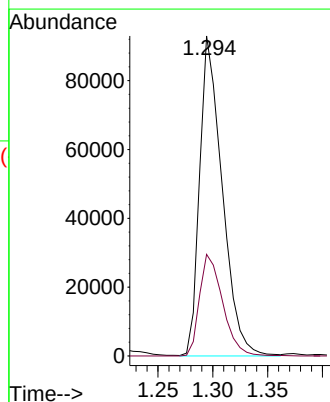
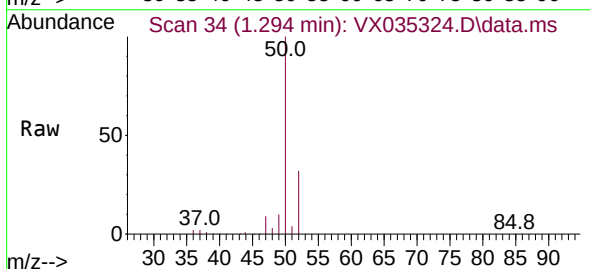
04/27/2023
Supervised By :Mahesh
Dadoda

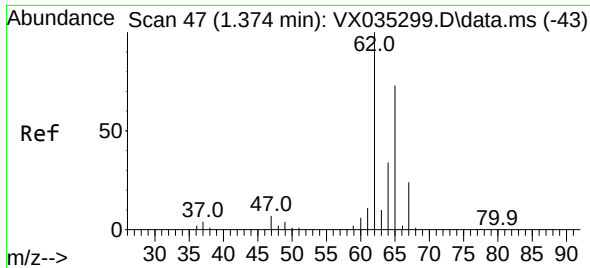
05/01/2023



#3
Chloromethane
Concen: 41.749 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

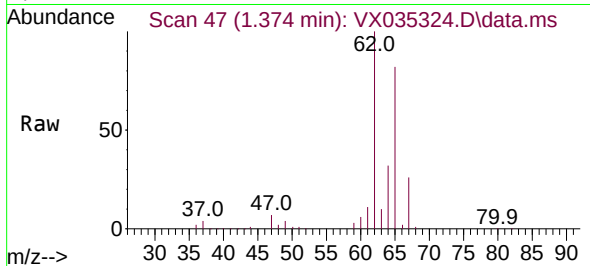
Tgt Ion: 50 Resp: 133143
Ion Ratio Lower Upper
50 100
52 31.8 23.0 42.6





#5
 Vinyl chloride
 Concen: 40.696 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035324.D
 Acq: 26 Apr 2023 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MSD



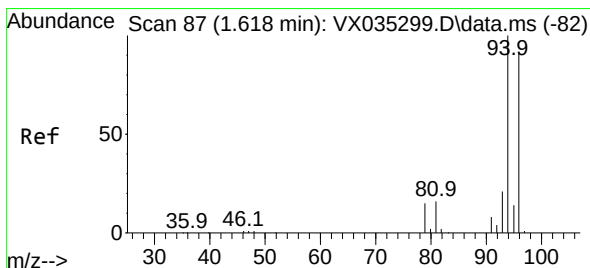
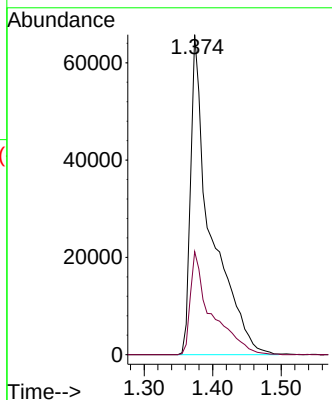
Tgt Ion: 62 Resp: 13468
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.5 41.7

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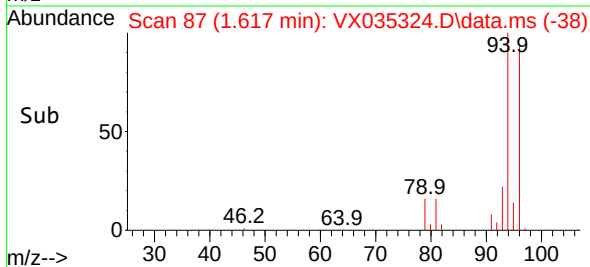
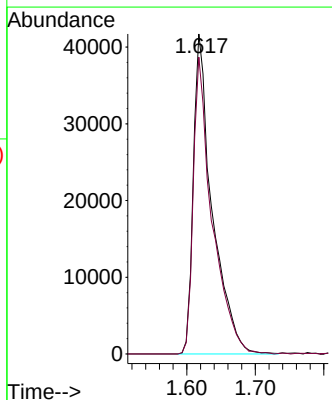
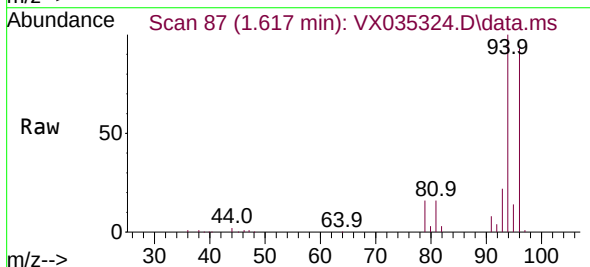
04/27/2023
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 Dadoda

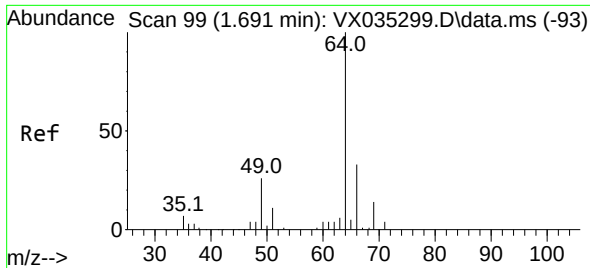
05/01/2023



#6
 Bromomethane
 Concen: 40.722 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX035324.D
 Acq: 26 Apr 2023 19:26

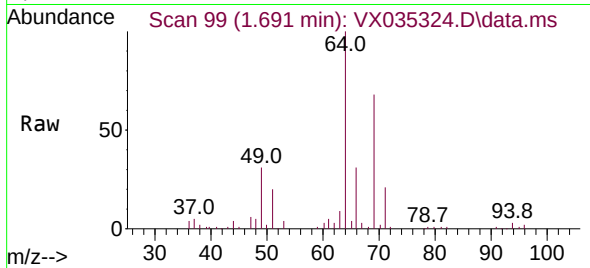
Tgt Ion: 94 Resp: 80043
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.7 121.9





#8
Chloroethane
Concen: 38.904 ug/L m
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



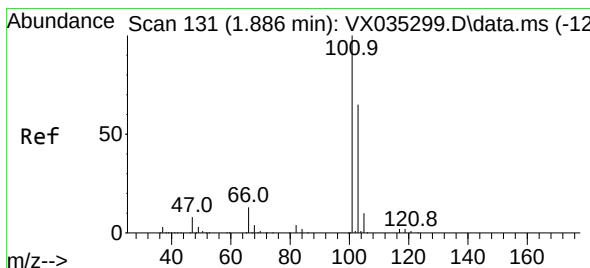
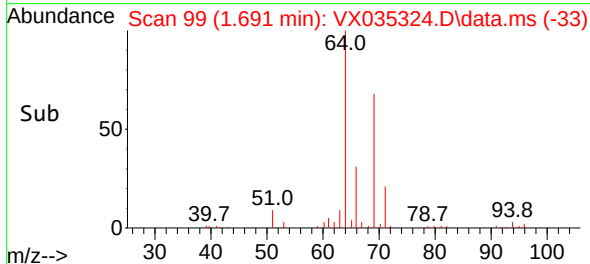
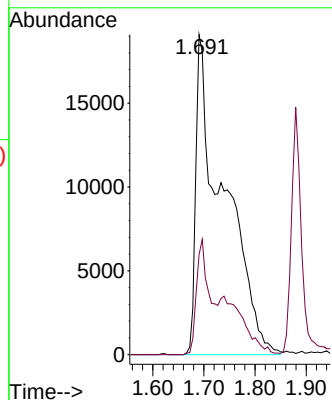
Tgt Ion: 64 Resp: 71808
Ion Ratio Lower Upper
64 100
66 31.3 21.9 40.7

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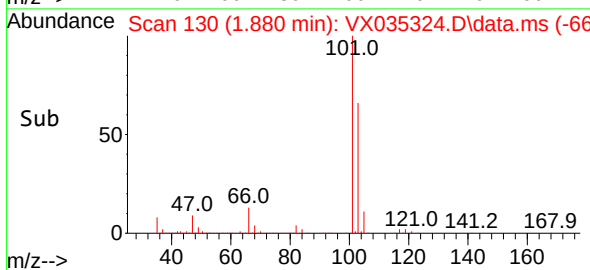
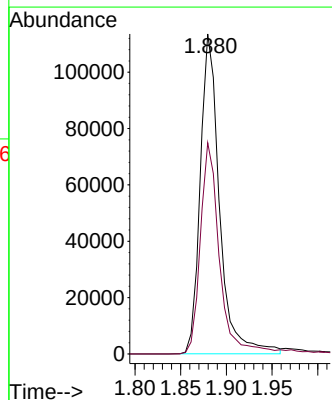
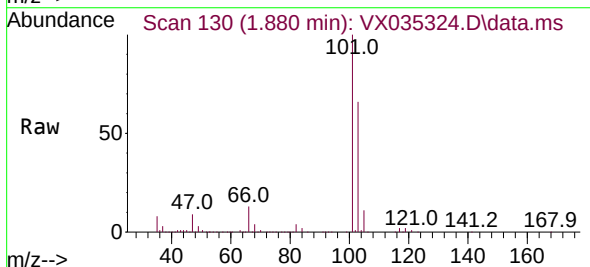
04/27/2023
Supervised By :Mahesh
Dadoda

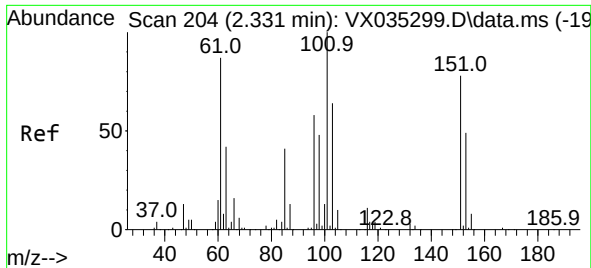
05/01/2023



#9
Trichlorofluoromethane
Concen: 37.142 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.012 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

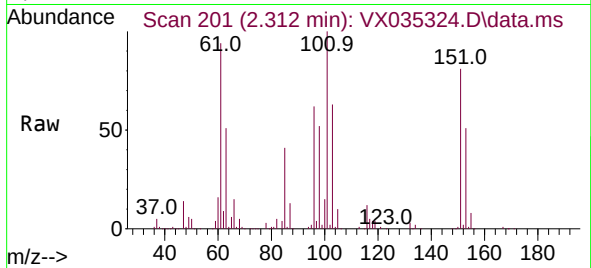
Tgt Ion:101 Resp: 166457
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.363 ug/L
RT: 2.312 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
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EW925MSD



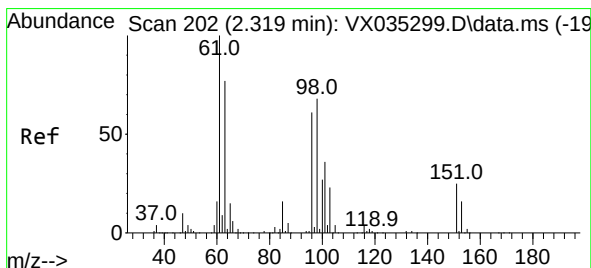
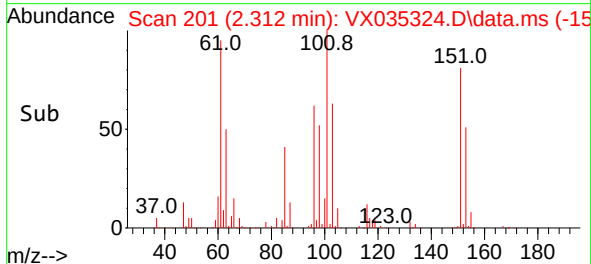
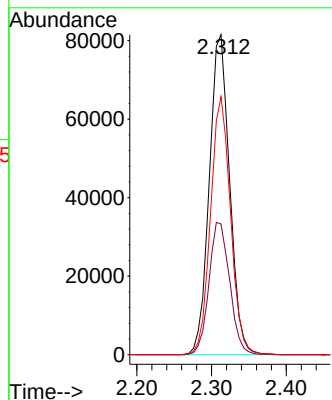
Tgt Ion: 101 Resp: 154198
Ion Ratio Lower Upper
101 100
85 42.1 34.2 51.2
151 78.9 61.1 91.7

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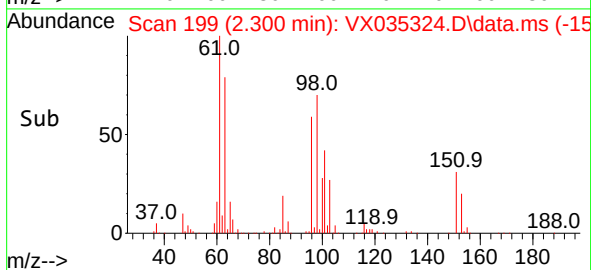
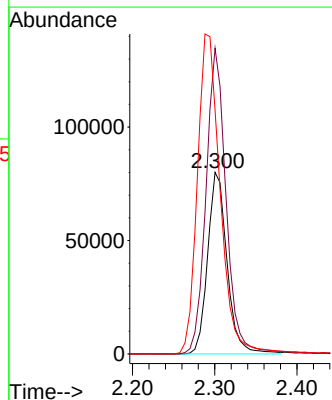
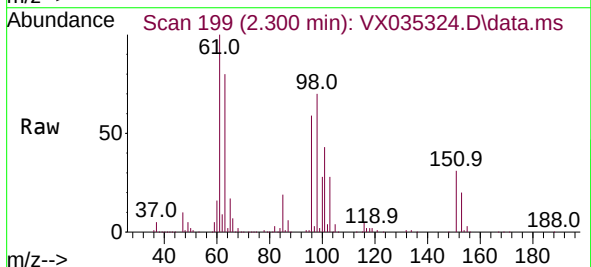
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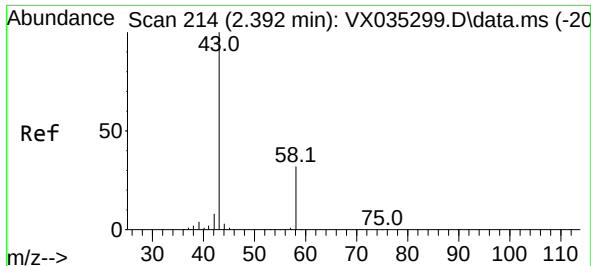
05/01/2023



#12
1,1-Dichloroethene
Concen: 47.029 ug/L
RT: 2.300 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion: 96 Resp: 131374
Ion Ratio Lower Upper
96 100
61 168.4 119.0 221.0
63 134.2 91.0 169.0





#13

Acetone

Concen: 80.533 ug/L

RT: 2.416 min Scan# 21

Delta R.T. 0.024 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion: 43 Resp: 12000

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.0

Manual Integrations

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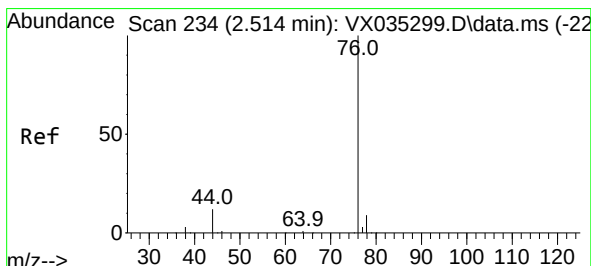
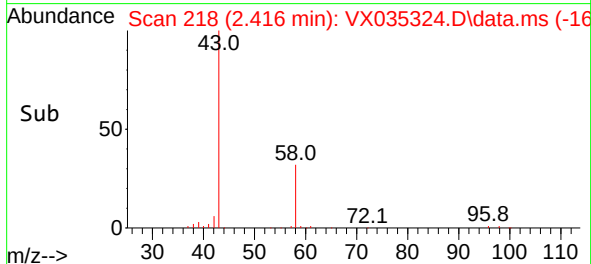
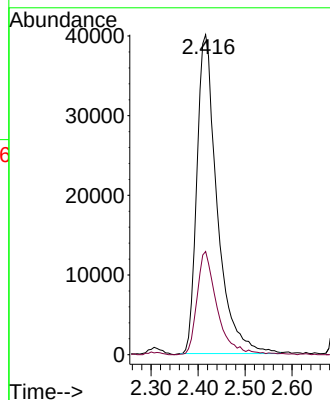
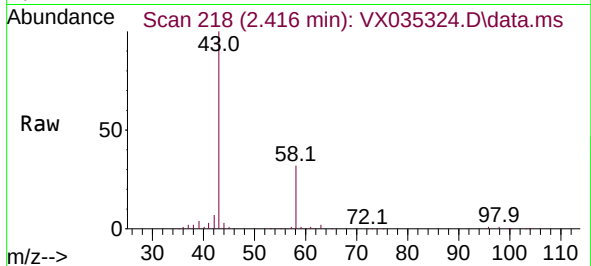
Carlone

04/27/2023

Supervised By :Mahesh

Dadoda

05/01/2023



#14

Carbon disulfide

Concen: 39.824 ug/L

RT: 2.495 min Scan# 231

Delta R.T. -0.018 min

Lab File: VX035324.D

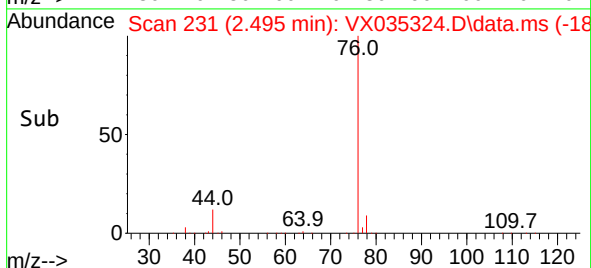
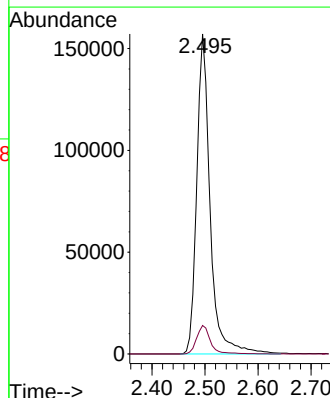
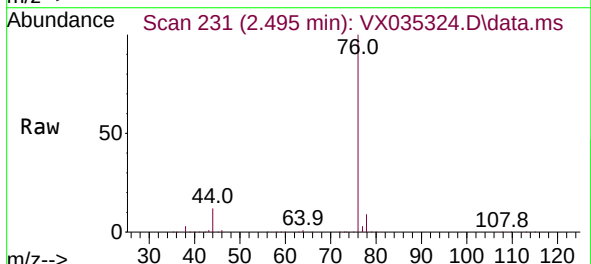
Acq: 26 Apr 2023 19:26

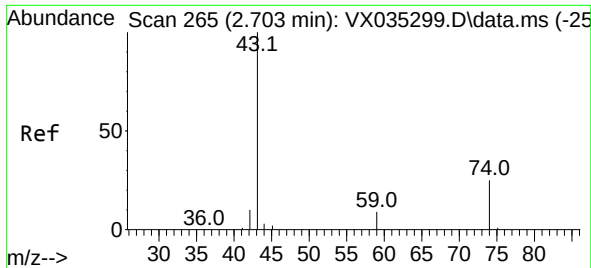
Tgt Ion: 76 Resp: 274859

Ion Ratio Lower Upper

76 100

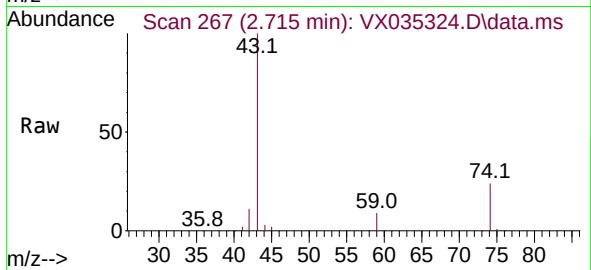
78 8.9 7.3 10.9





#15
Methyl Acetate
Concen: 47.941 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



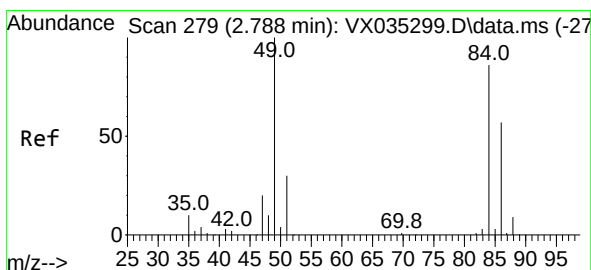
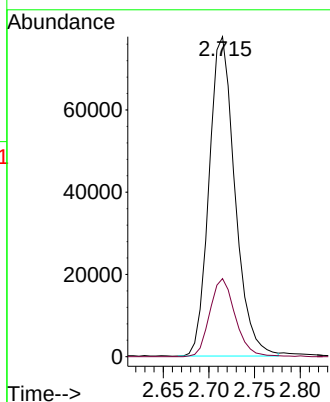
Tgt Ion: 43 Resp: 153035
Ion Ratio Lower Upper
43 100
74 24.1 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

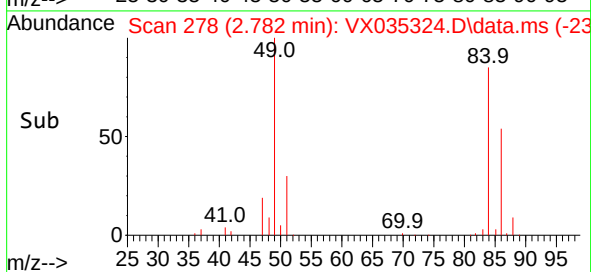
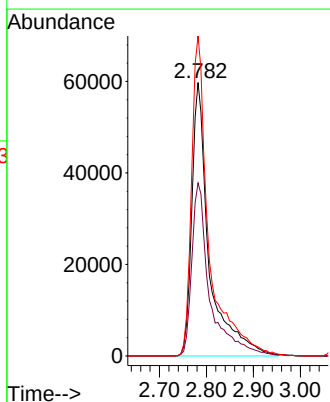
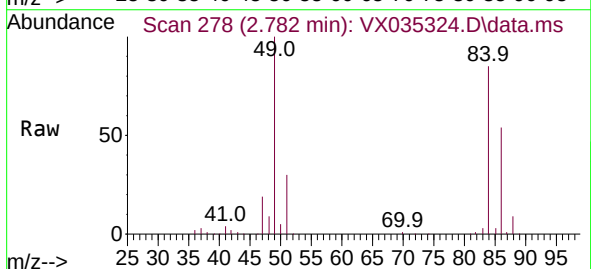
04/27/2023
Supervised By :Mahesh
Dadoda

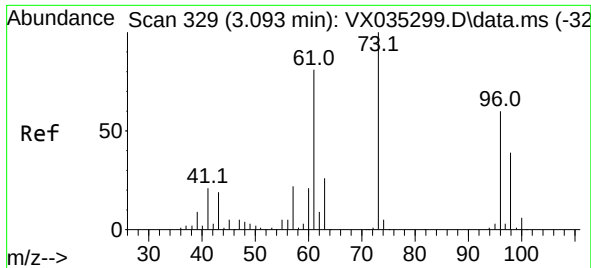
05/01/2023



#16
Methylene chloride
Concen: 49.440 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

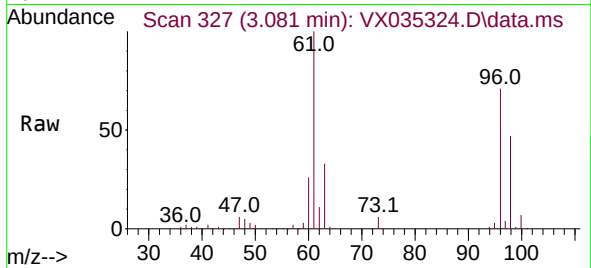
Tgt Ion: 84 Resp: 153779
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.0
49 117.0 88.7 164.7





#17
trans-1,2-Dichloroethene
Concen: 48.568 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



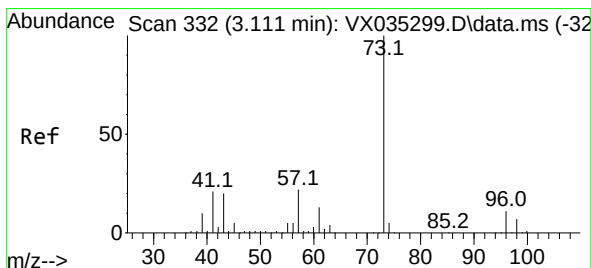
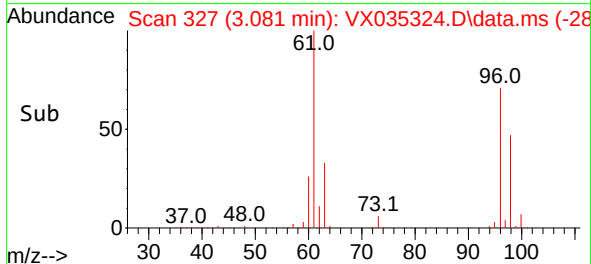
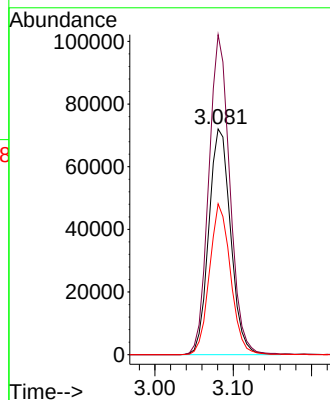
Tgt Ion: 96 Resp: 139708
Ion Ratio Lower Upper
96 100
61 141.7 98.8 183.4
98 66.8 44.4 82.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

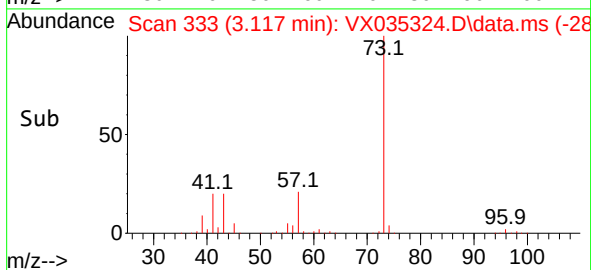
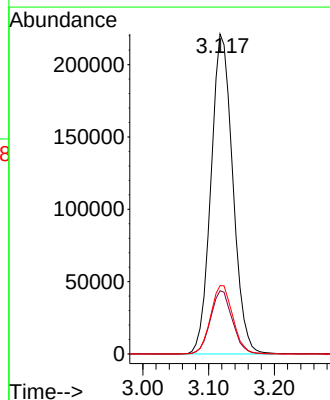
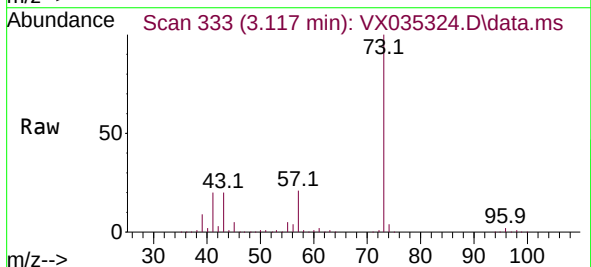
04/27/2023
Supervised By :Mahesh
Dadoda

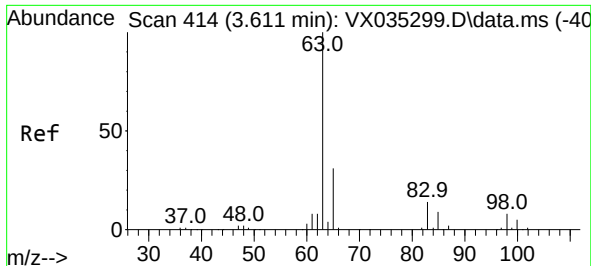
05/01/2023



#18
Methyl tert-butyl Ether
Concen: 51.311 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion: 73 Resp: 510445
Ion Ratio Lower Upper
73 100
43 19.8 16.6 25.0
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.648 ug/L

RT: 3.605 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion: 63 Resp: 26975

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.8	42.4
83	14.1	9.1	16.9

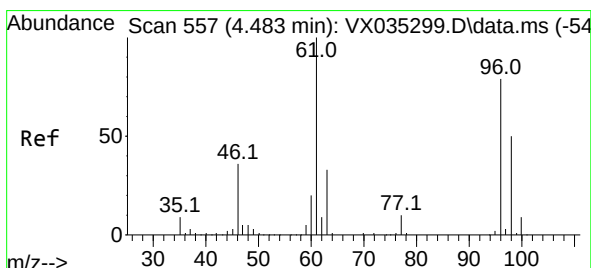
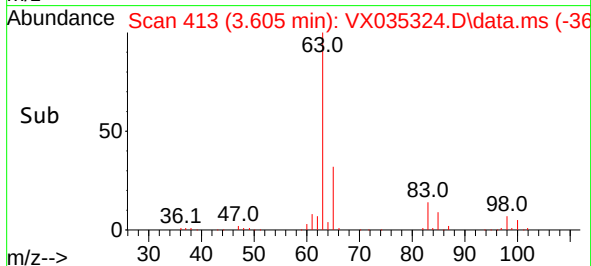
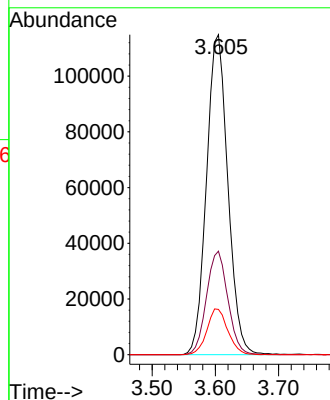
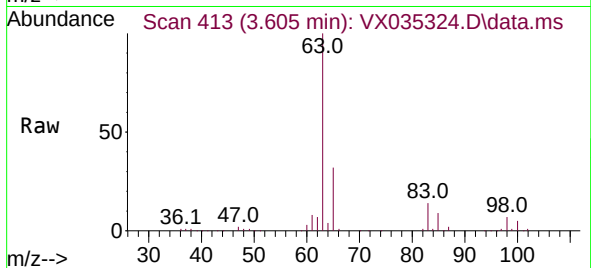
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/27/2023

Supervised By :Mahesh
Dadoda

05/01/2023



#20

cis-1,2-Dichloroethene

Concen: 49.730 ug/L

RT: 4.483 min Scan# 557

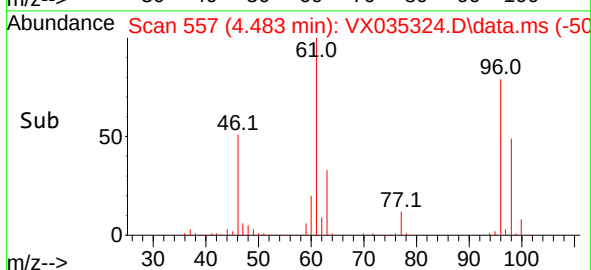
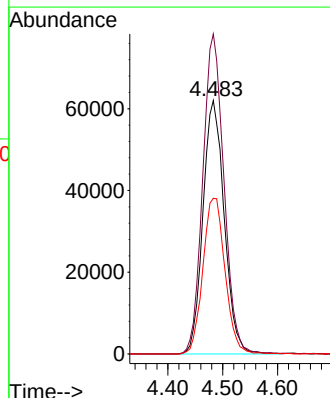
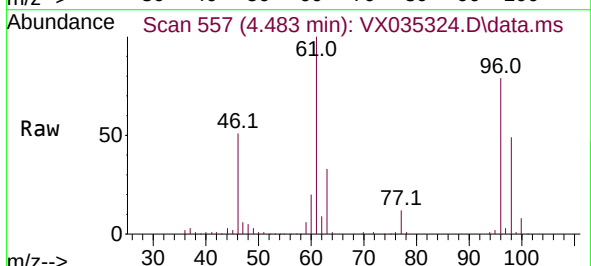
Delta R.T. -0.000 min

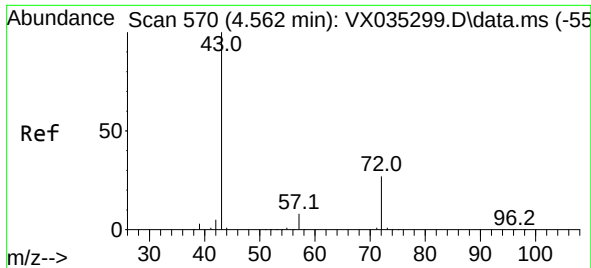
Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Tgt Ion: 96 Resp: 167248

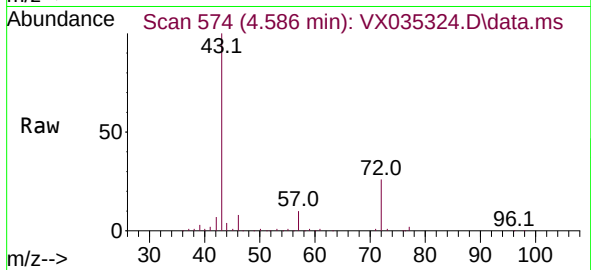
Ion	Ratio	Lower	Upper
96	100		
61	126.3	87.8	163.2
98	61.5	46.3	86.1





#22
2-Butanone
Concen: 85.471 ug/L
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



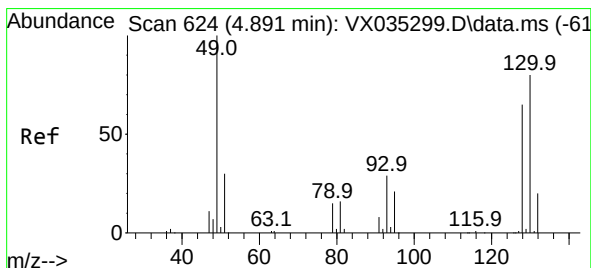
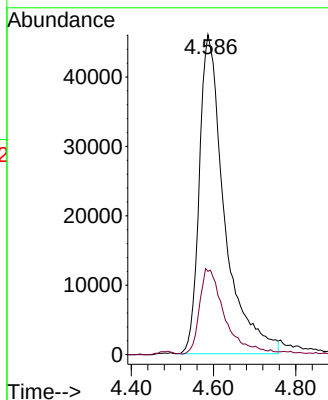
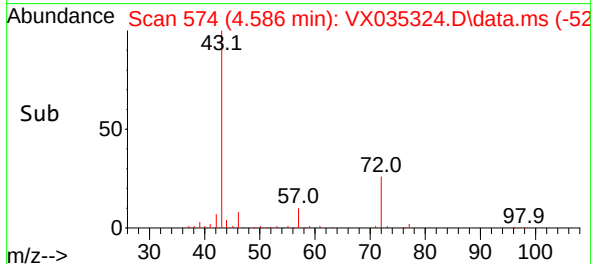
Tgt Ion: 43 Resp: 195490
Ion Ratio Lower Upper
43 100
72 25.5 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

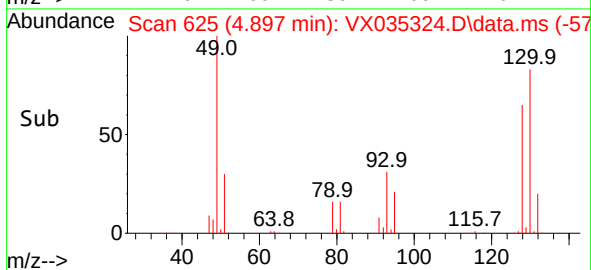
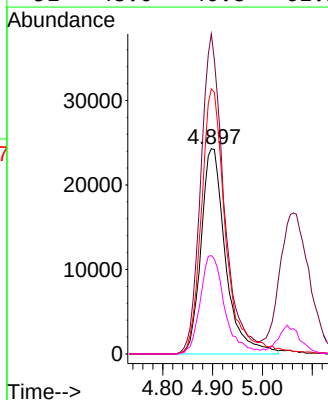
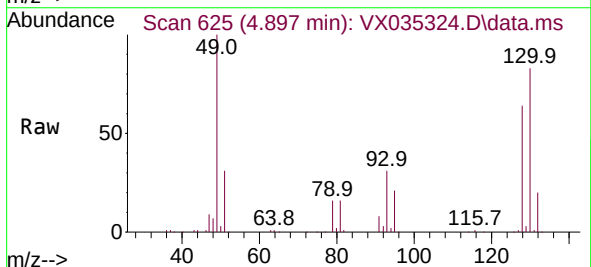
04/27/2023
Supervised By :Mahesh
Dadoda

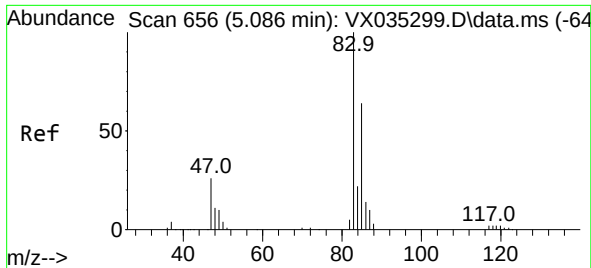
05/01/2023



#23
Bromochloromethane
Concen: 49.606 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion:128 Resp: 82629
Ion Ratio Lower Upper
128 100
49 155.9 115.9 215.3
130 129.2 88.9 165.1
51 48.0 40.8 61.2





#25
Chloroform
Concen: 50.892 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD

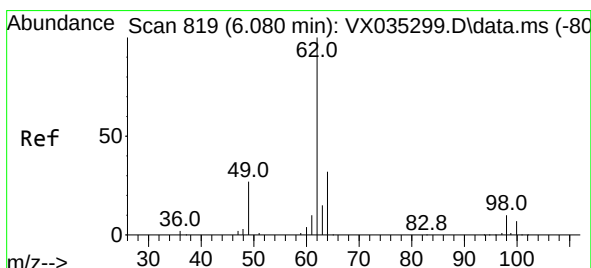
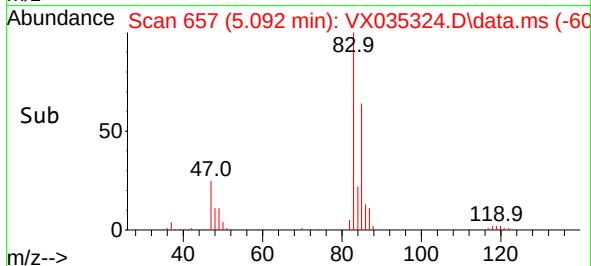
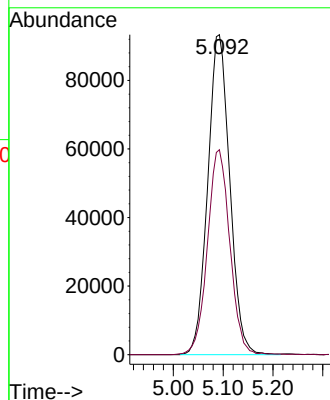
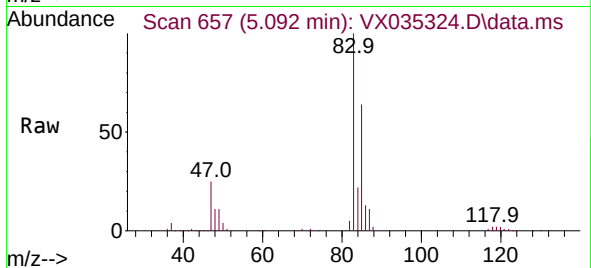
Tgt Ion: 83 Resp: 286110
Ion Ratio Lower Upper
83 100
85 64.1 46.0 85.4

Manual Integrations
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Reviewed By :John
Carlone

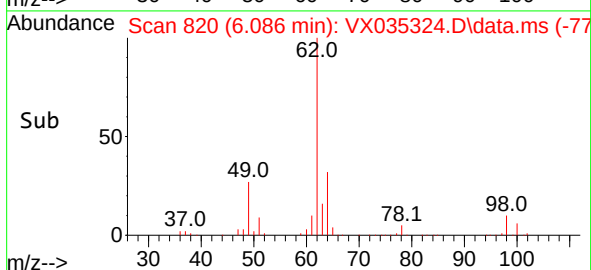
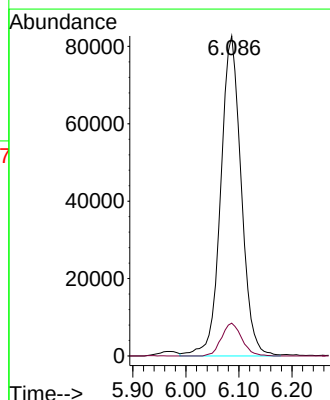
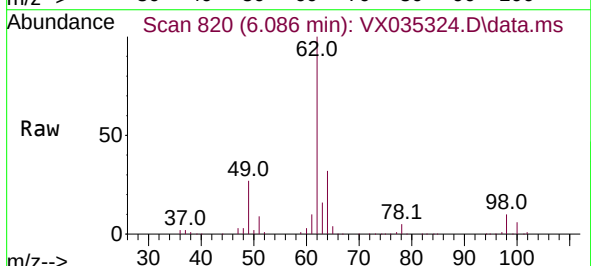
04/27/2023
Supervised By :Mahesh
Dadoda

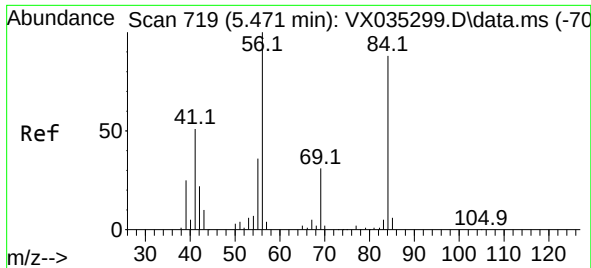
05/01/2023



#27
1,2-Dichloroethane
Concen: 49.397 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

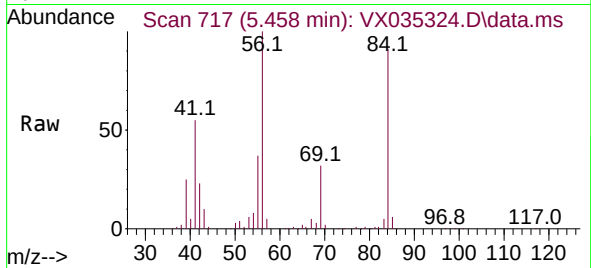
Tgt Ion: 62 Resp: 222433
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29
Cyclohexane
Concen: 51.846 ug/L
RT: 5.458 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



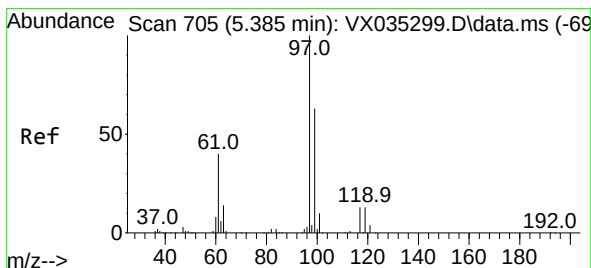
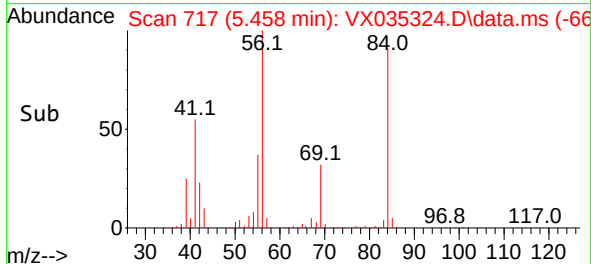
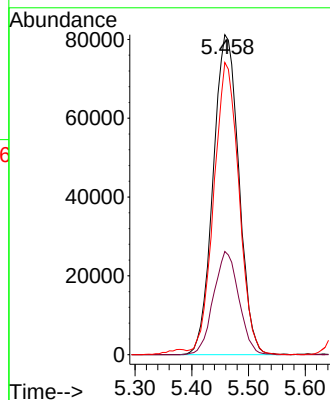
Tgt Ion: 56 Resp: 25594
Ion Ratio Lower Upper
56 100
69 31.7 25.1 37.7
84 89.3 70.1 105.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

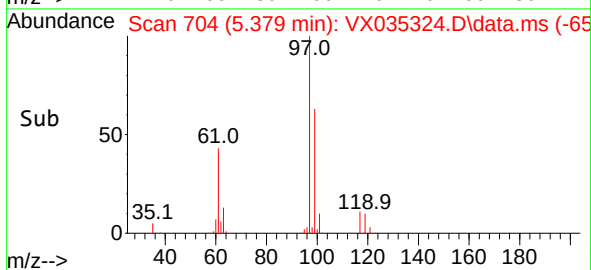
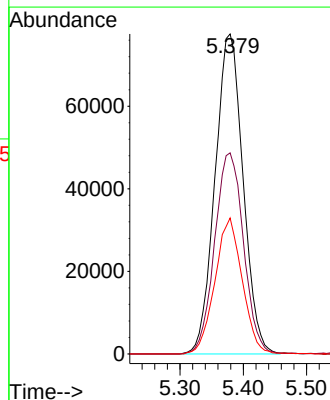
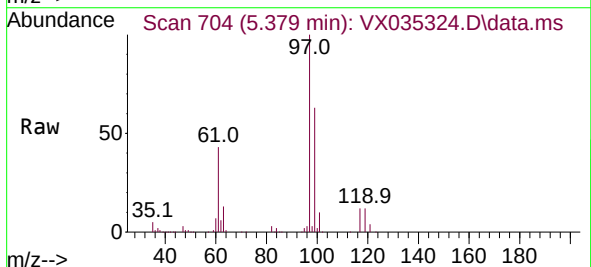
04/27/2023
Supervised By :Mahesh
Dadoda

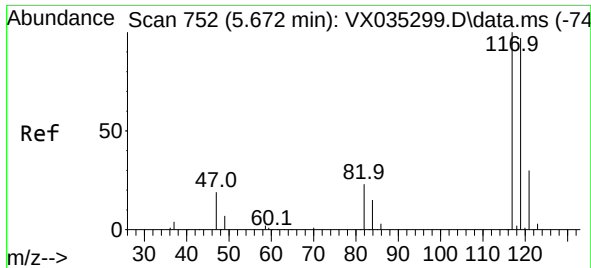
05/01/2023



#30
1,1,1-Trichloroethane
Concen: 49.800 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

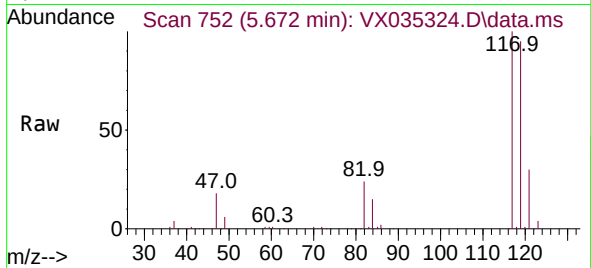
Tgt Ion: 97 Resp: 238637
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 41.3 34.9 52.3





#31
Carbon tetrachloride
Concen: 49.476 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



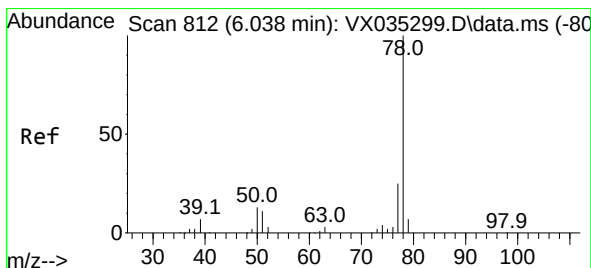
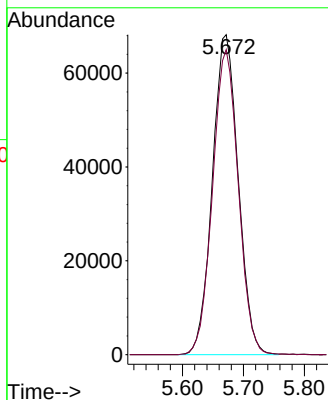
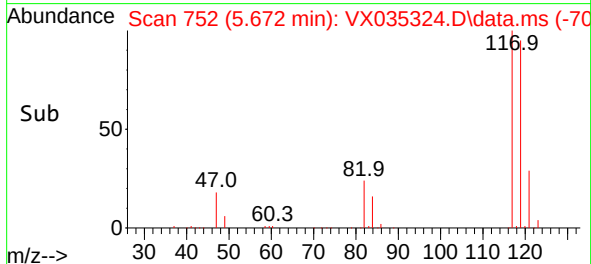
Tgt Ion:117 Resp: 201035
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7

Manual Integrations
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Reviewed By :John
Carlone

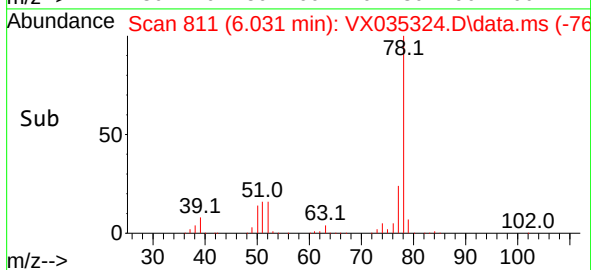
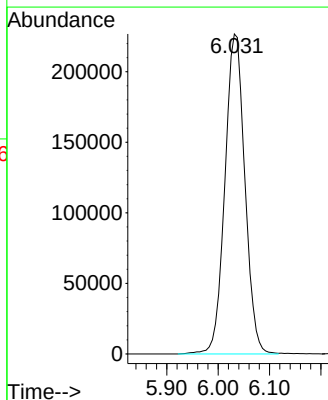
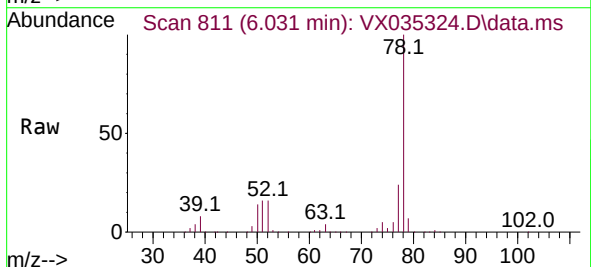
04/27/2023
Supervised By :Mahesh
Dadoda

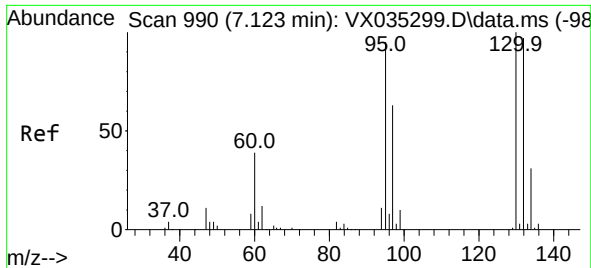
05/01/2023



#33
Benzene
Concen: 49.530 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

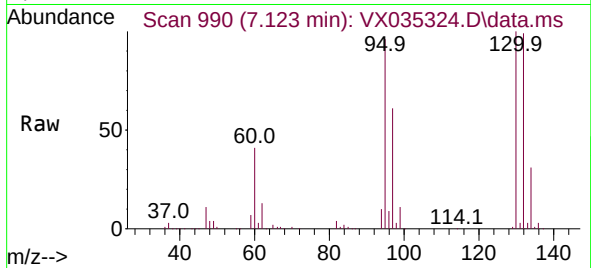
Tgt Ion: 78 Resp: 612835





#34
Trichloroethene
Concen: 49.741 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



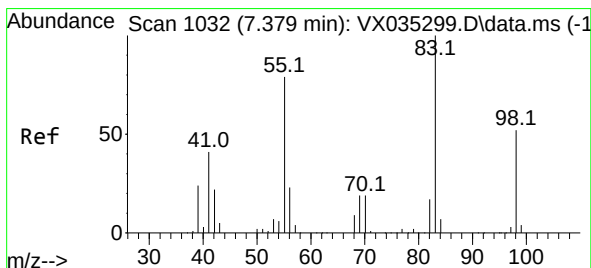
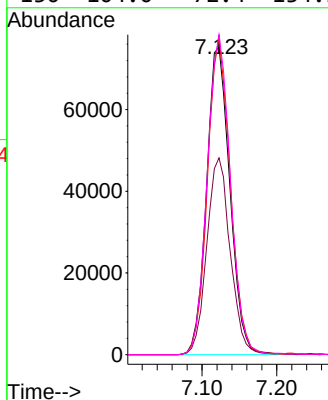
Tgt Ion: 95 Resp: 163711
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.8
132 103.2 69.7 129.4
130 104.0 72.4 134.5

Manual Integrations
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Reviewed By :John
Carlone

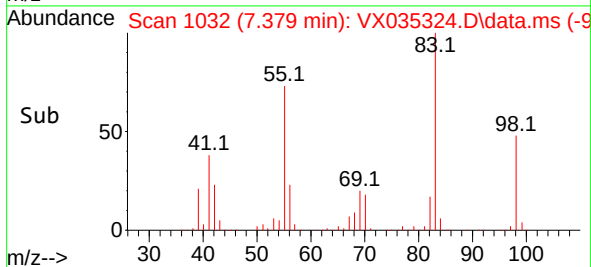
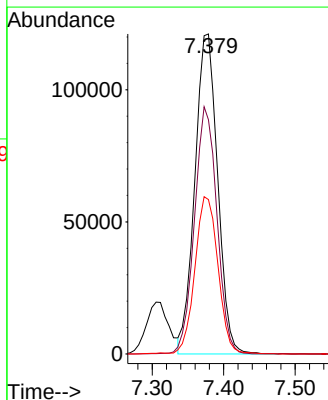
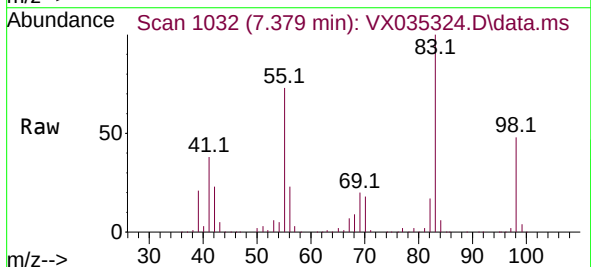
04/27/2023
Supervised By :Mahesh
Dadoda

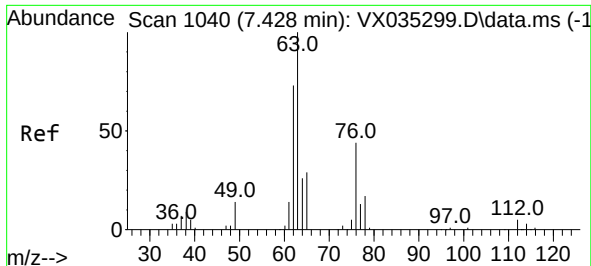
05/01/2023



#35
Methylcyclohexane
Concen: 60.554 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion: 83 Resp: 268411
Ion Ratio Lower Upper
83 100
55 76.1 62.2 93.2
98 49.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 49.858 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion: 63 Resp: 16241

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5

Manual Integrations

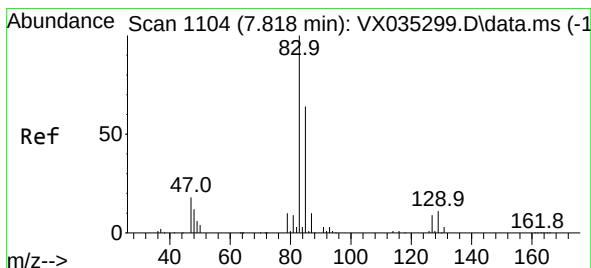
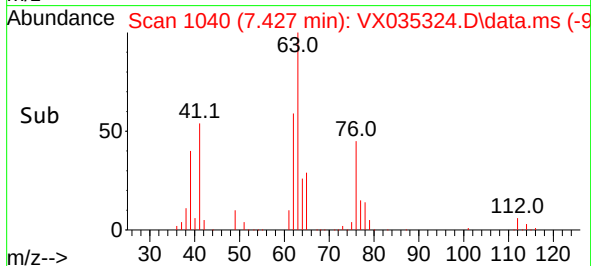
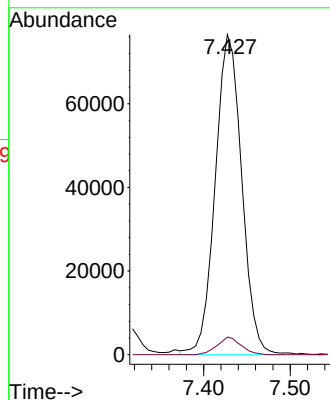
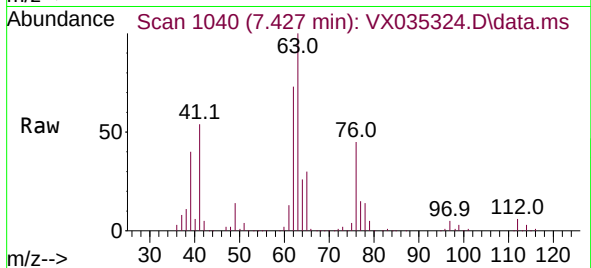
APPROVED

Reviewed By :John
Carlone

04/27/2023

Supervised By :Mahesh
Dadoda

05/01/2023



#38

Bromodichloromethane

Concen: 48.696 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

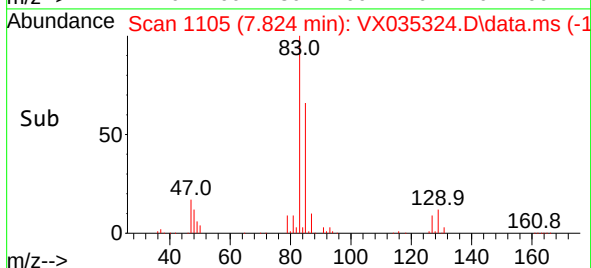
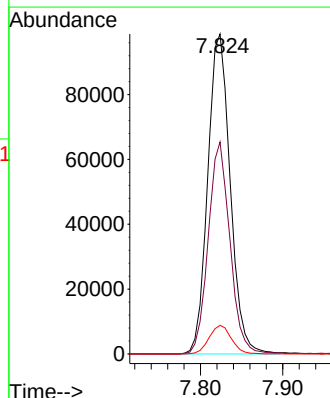
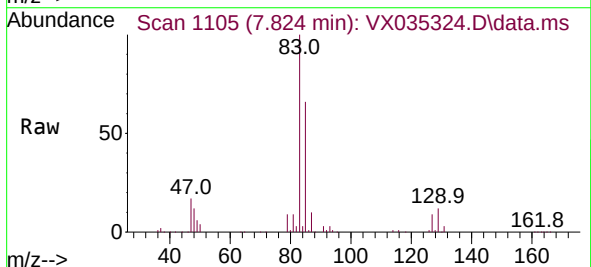
Tgt Ion: 83 Resp: 187430

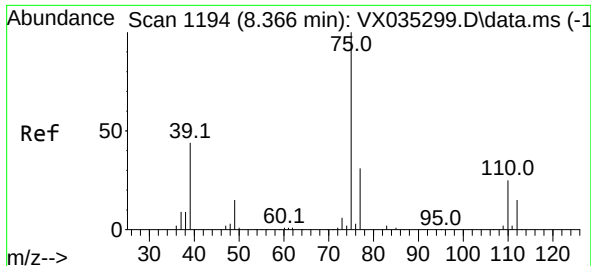
Ion Ratio Lower Upper

83 100

85 66.3 44.7 82.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.622 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion: 75 Resp: 25144

Ion Ratio Lower Upper

75 100

77 31.0 21.4 39.8

Manual Integrations

APPROVED

Reviewed By :John

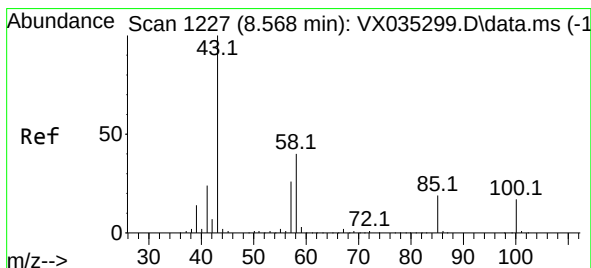
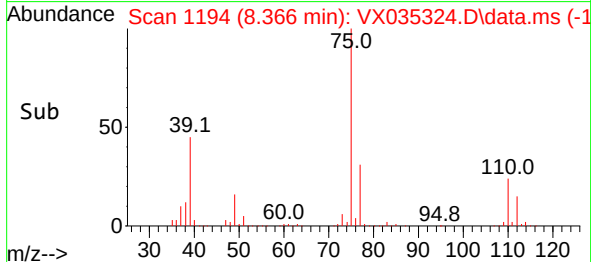
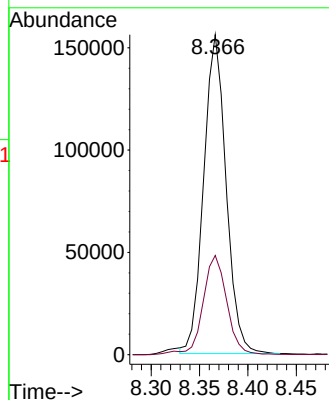
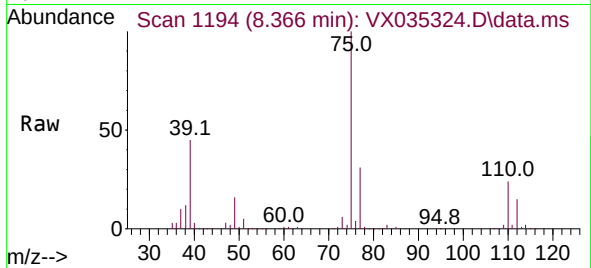
Carlone

04/27/2023

Supervised By :Mahesh

Dadoda

05/01/2023



#40

4-Methyl-2-pentanone

Concen: 92.177 ug/L m

RT: 8.580 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

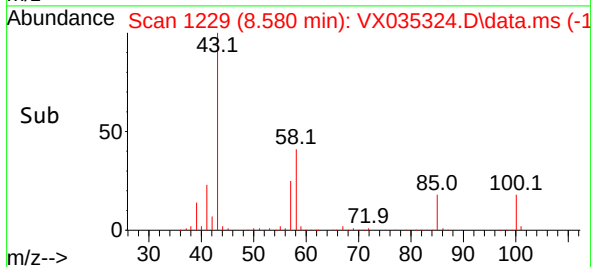
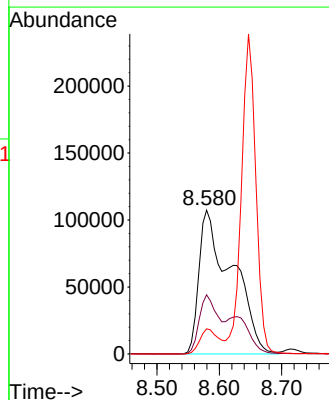
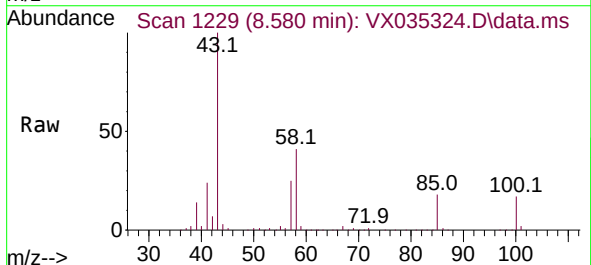
Tgt Ion: 43 Resp: 395833

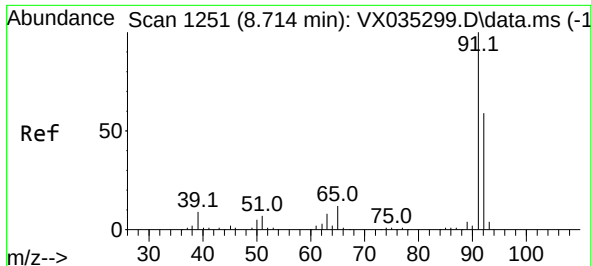
Ion Ratio Lower Upper

43 100

58 22.8 31.5 47.3#

100 10.5 12.8 19.2#





#42
Toluene
Concen: 51.510 ug/L
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD

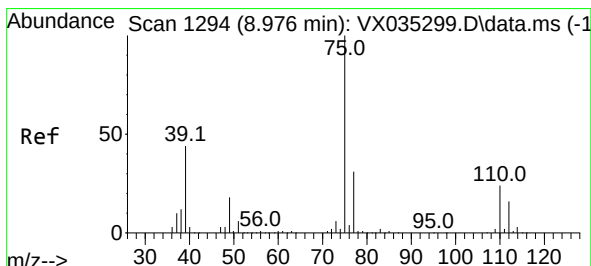
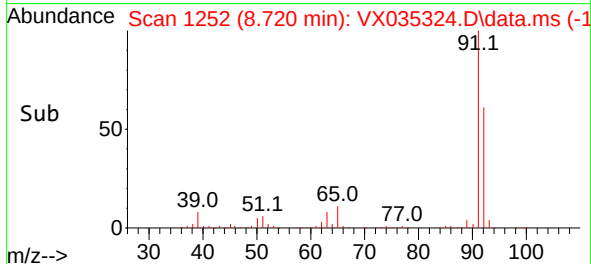
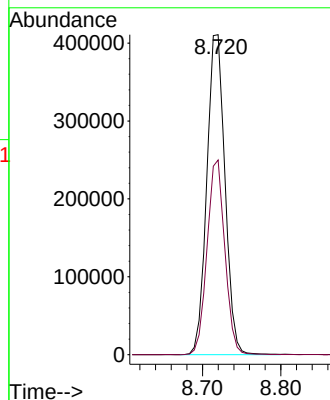
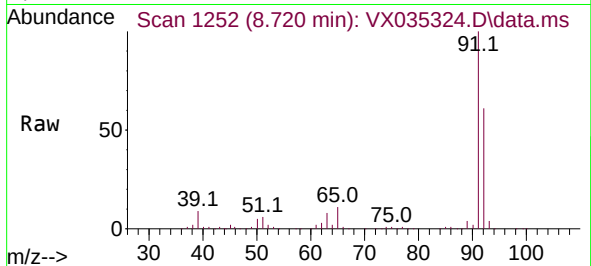
Tgt Ion: 91 Resp: 661240
Ion Ratio Lower Upper
91 100
92 60.8 41.7 77.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

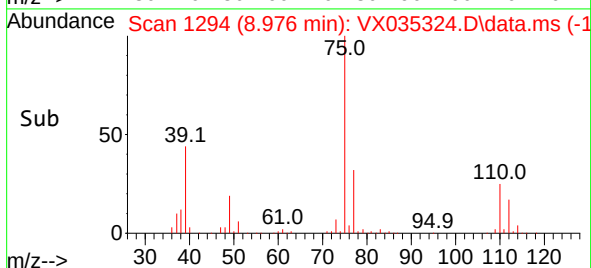
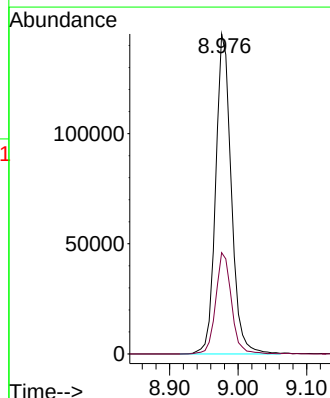
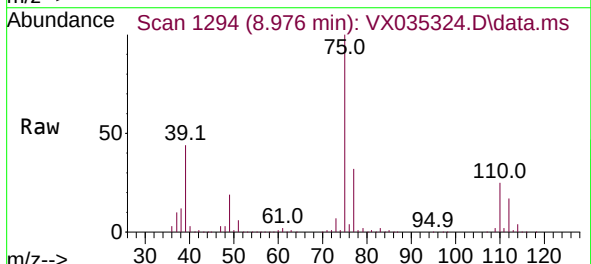
04/27/2023
Supervised By :Mahesh
Dadoda

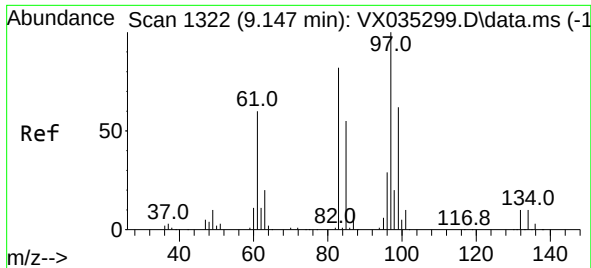
05/01/2023



#44
trans-1,3-Dichloropropene
Concen: 52.310 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

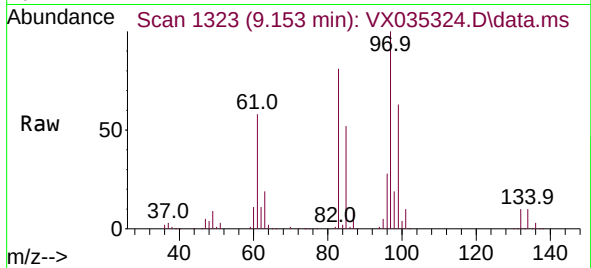
Tgt Ion: 75 Resp: 229581
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 51.796 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



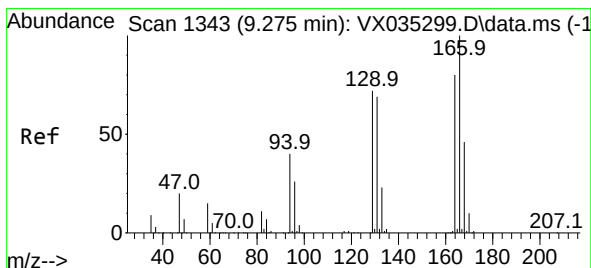
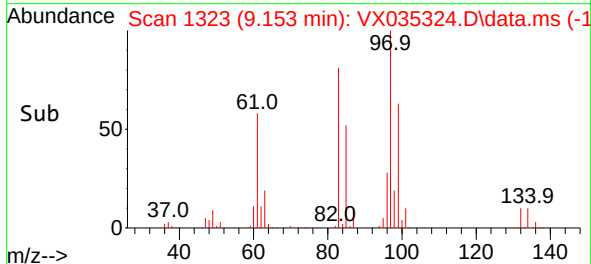
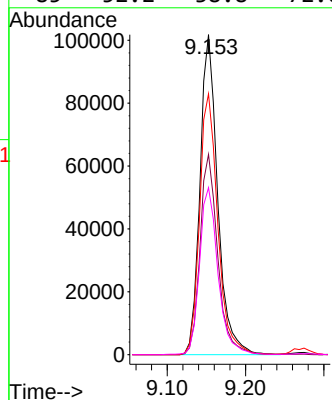
Tgt Ion: 97 Resp: 16011
Ion Ratio Lower Upper
97 100
99 62.6 43.8 81.4
83 81.5 59.8 111.0
85 52.2 38.8 72.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

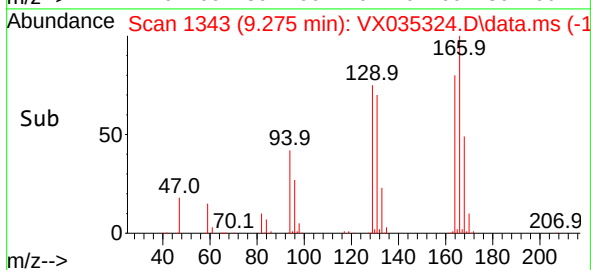
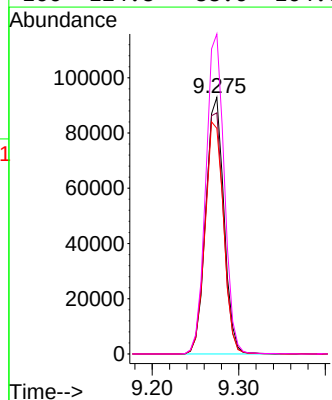
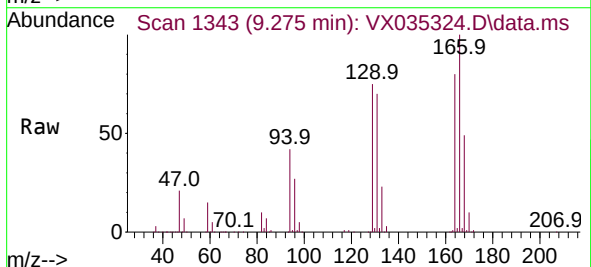
04/27/2023
Supervised By :Mahesh
Dadoda

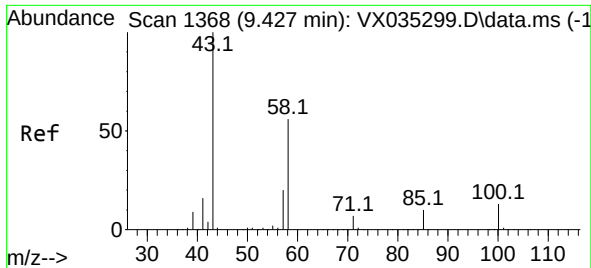
05/01/2023



#46
Tetrachloroethene
Concen: 55.046 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

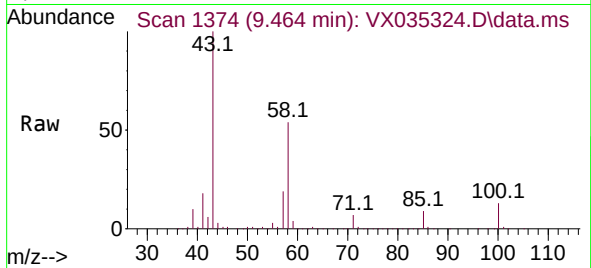
Tgt Ion:164 Resp: 134958
Ion Ratio Lower Upper
164 100
129 94.0 66.1 122.8
131 88.0 65.0 120.8
166 124.8 88.6 164.6





#48
2-Hexanone
Concen: 91.770 ug/L m
RT: 9.464 min Scan# 1374
Delta R.T. 0.037 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



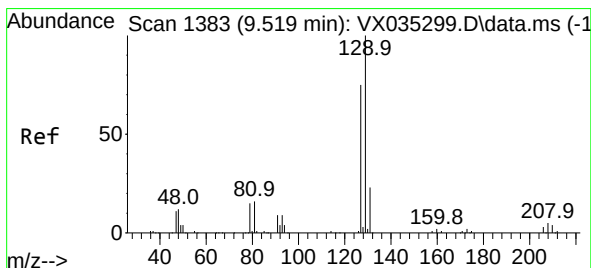
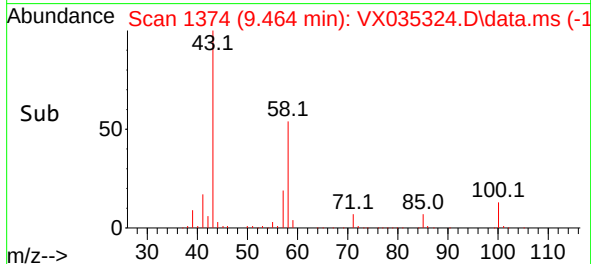
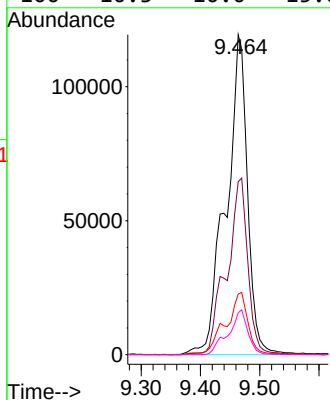
Tgt Ion: 43 Resp: 299208
Ion Ratio Lower Upper
43 100
58 39.7 43.2 64.8
57 14.0 15.4 23.0
100 10.3 10.0 15.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

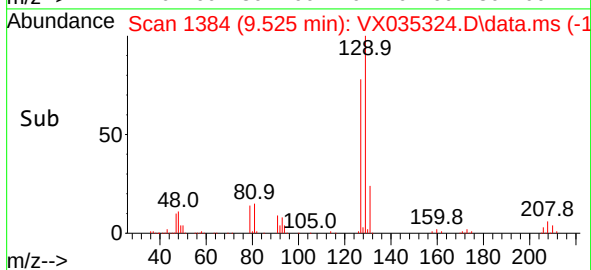
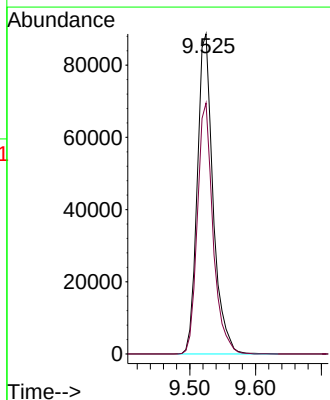
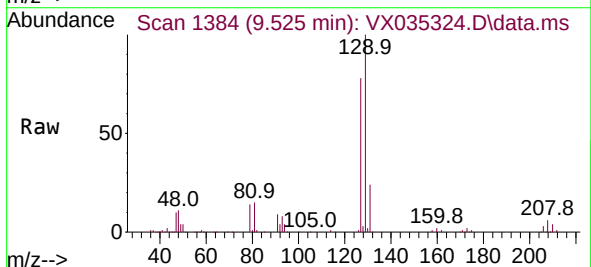
04/27/2023
Supervised By :Mahesh
Dadoda

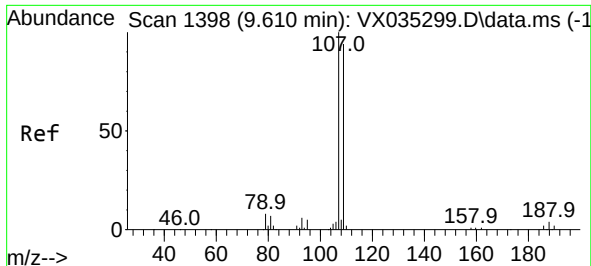
05/01/2023



#49
Dibromochloromethane
Concen: 50.249 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion:129 Resp: 147617
Ion Ratio Lower Upper
129 100
127 78.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 52.135 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion:107 Resp: 167690

Ion	Ratio	Lower	Upper
107	100		
109	92.9	65.6	121.8
188	3.7	3.3	4.9

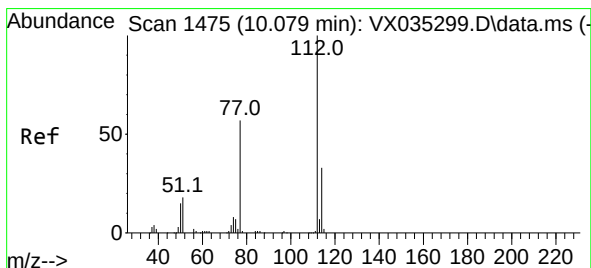
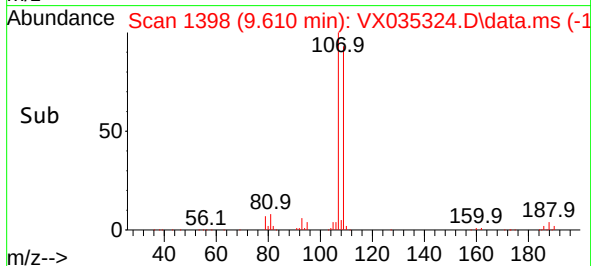
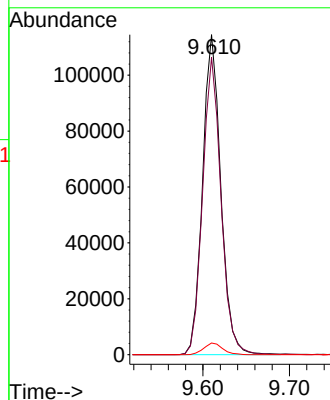
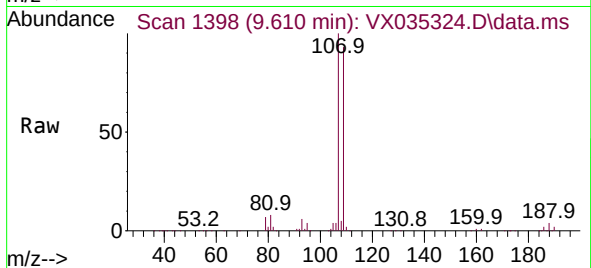
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/27/2023

Supervised By :Mahesh
Dadoda

05/01/2023



#51

Chlorobenzene

Concen: 51.173 ug/L

RT: 10.079 min Scan# 1475

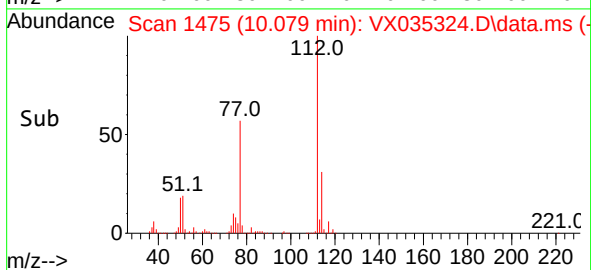
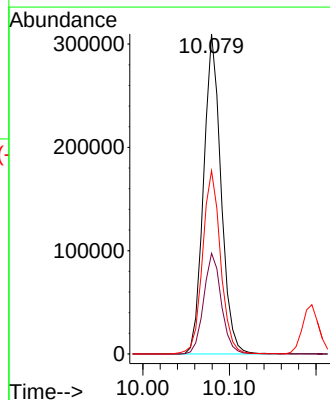
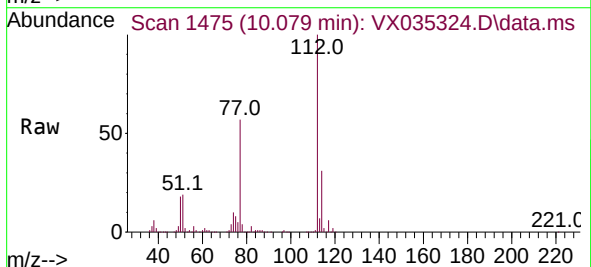
Delta R.T. -0.000 min

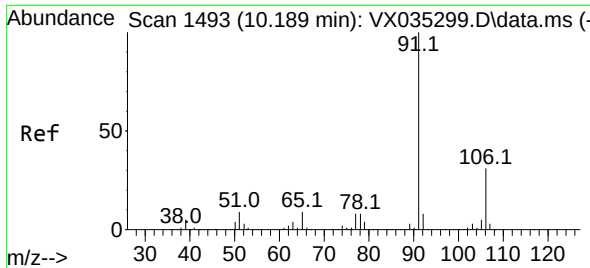
Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Tgt Ion:112 Resp: 432791

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	57.2	47.0	70.6





#52
Ethylbenzene
Concen: 52.631 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD

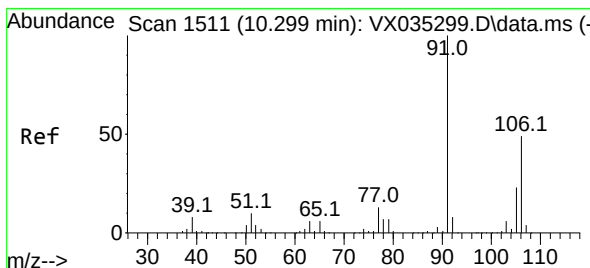
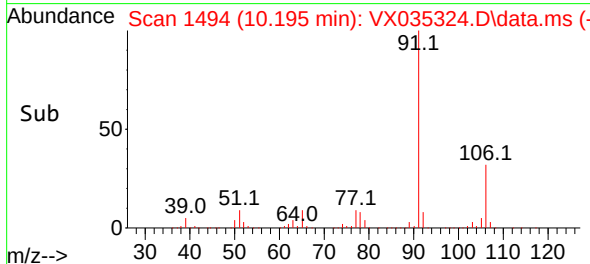
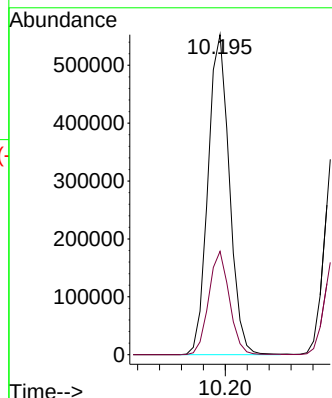
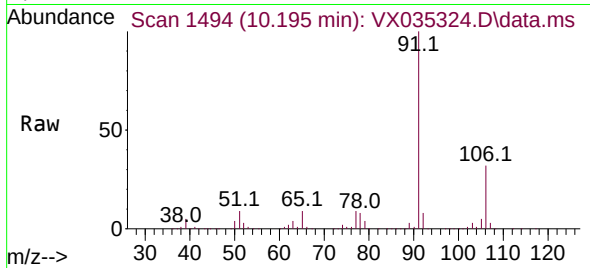
Tgt Ion: 91 Resp: 746872
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

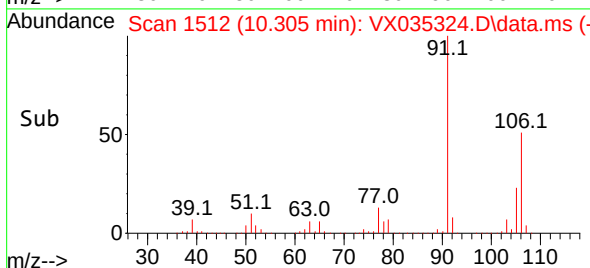
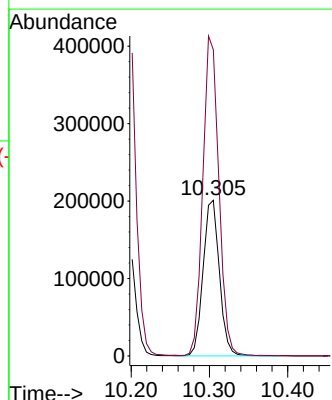
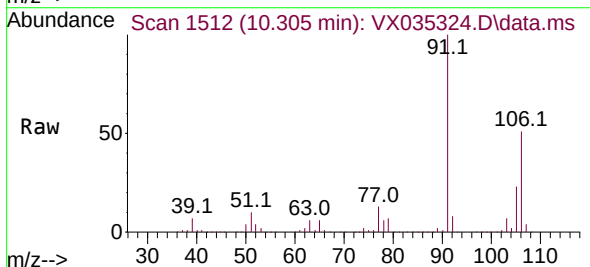
04/27/2023
Supervised By :Mahesh
Dadoda

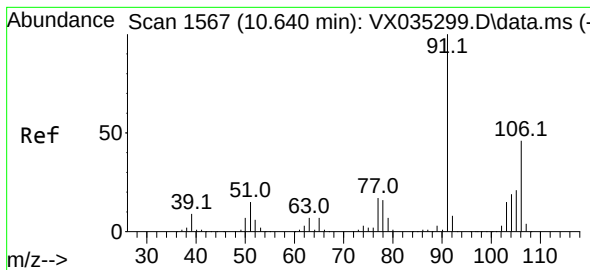
05/01/2023



#53
m,p-Xylene
Concen: 53.237 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion:106 Resp: 289292
Ion Ratio Lower Upper
106 100
91 196.7 142.7 264.9





#54

o-Xylene

Concen: 52.567 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion:106 Resp: 280840

Ion Ratio Lower Upper

106 100

91 210.2 153.9 285.7

Manual Integrations

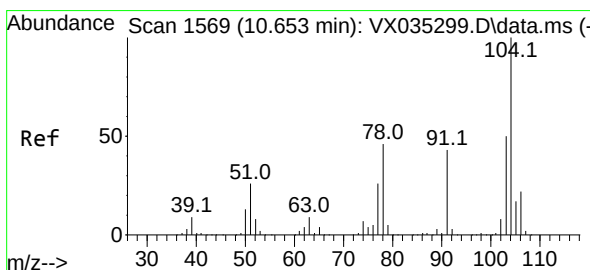
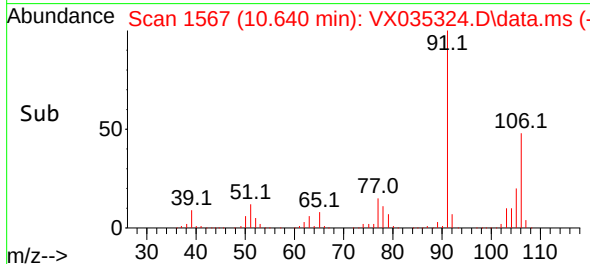
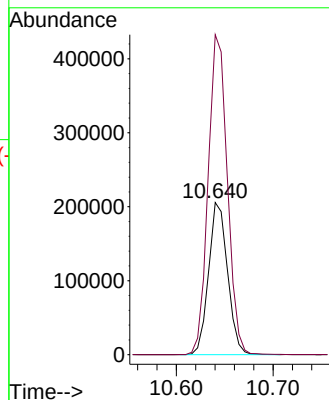
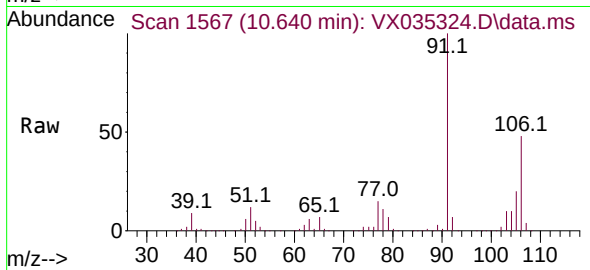
APPROVED

Reviewed By :John
Carlone

04/27/2023

Supervised By :Mahesh
Dadoda

05/01/2023



#55

Styrene

Concen: 52.016 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX035324.D

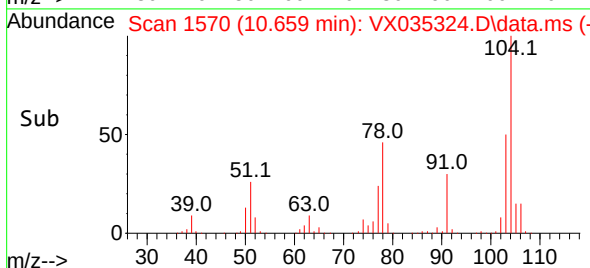
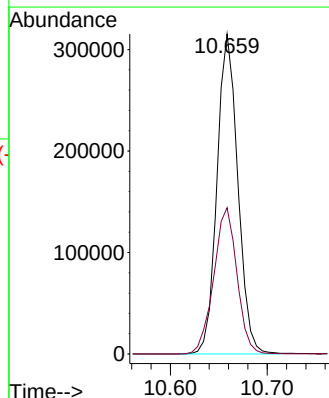
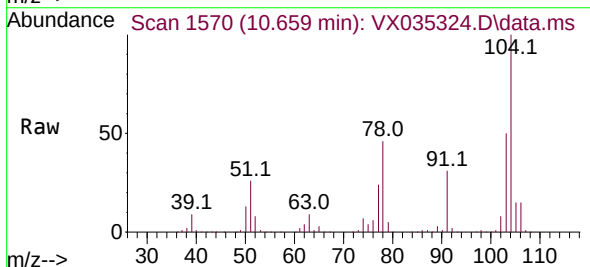
Acq: 26 Apr 2023 19:26

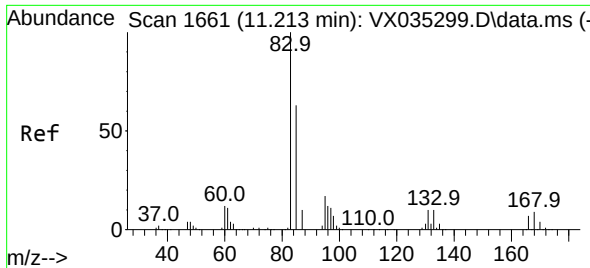
Tgt Ion:104 Resp: 470833

Ion Ratio Lower Upper

104 100

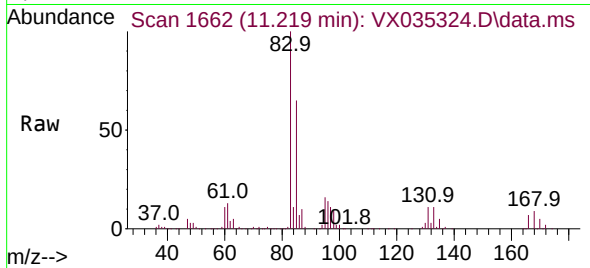
78 45.7 33.5 62.3





#57
1,1,2,2-Tetrachloroethane
Concen: 48.767 ug/L
RT: 11.219 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



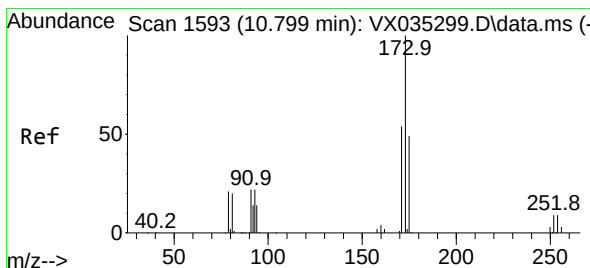
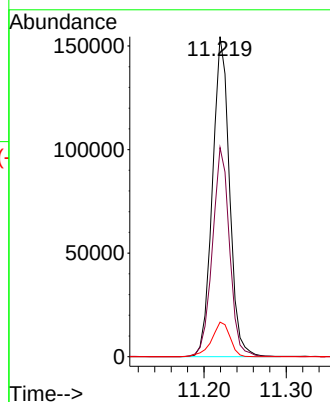
Tgt Ion: 83 Resp: 22216
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4
131 10.8 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

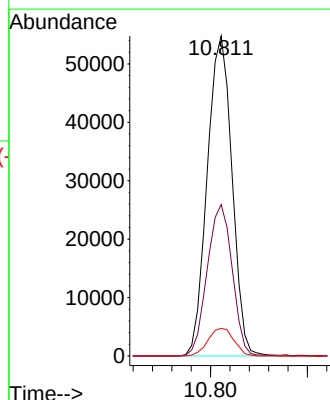
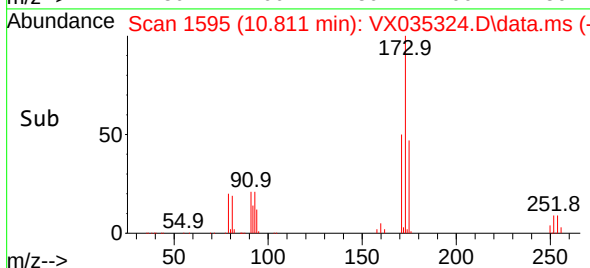
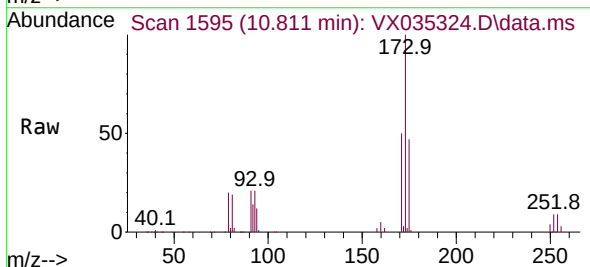
04/27/2023
Supervised By :Mahesh
Dadoda

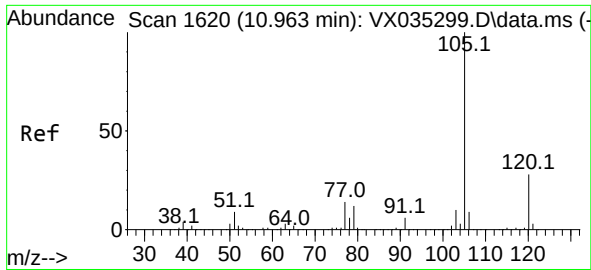
05/01/2023



#59
Bromoform
Concen: 45.591 ug/L
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

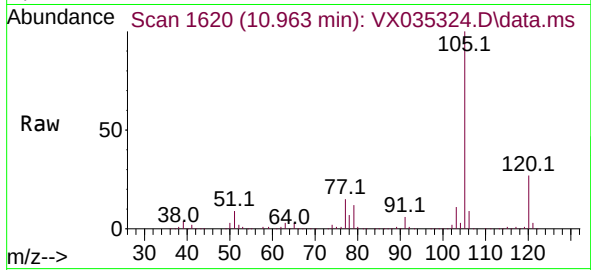
Tgt Ion:173 Resp: 97660
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.4
254 9.0 7.4 11.0





#60
Isopropylbenzene
Concen: 53.647 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



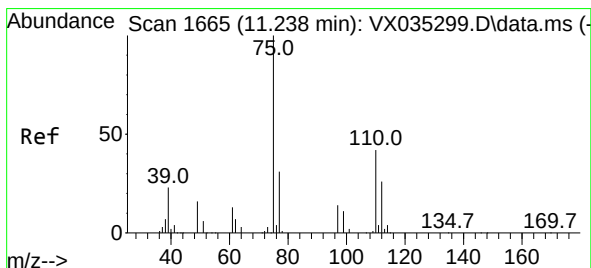
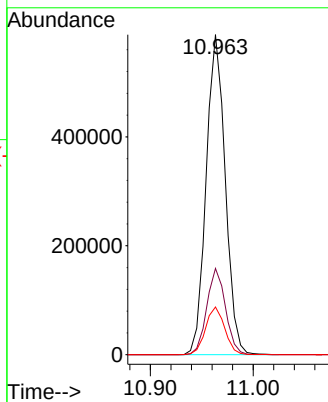
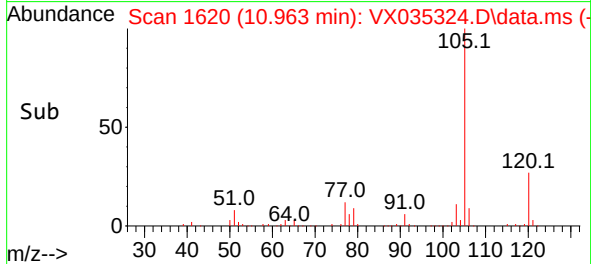
Tgt Ion:105 Resp: 759088
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 15.0 12.6 18.8

Manual Integrations
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Reviewed By :John
Carlone

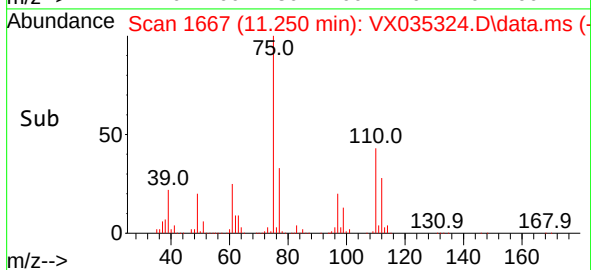
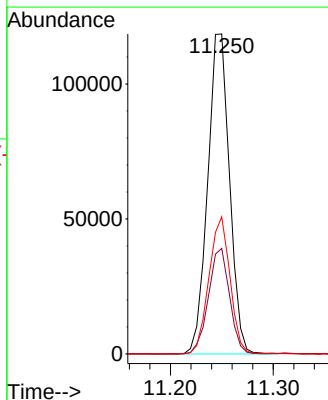
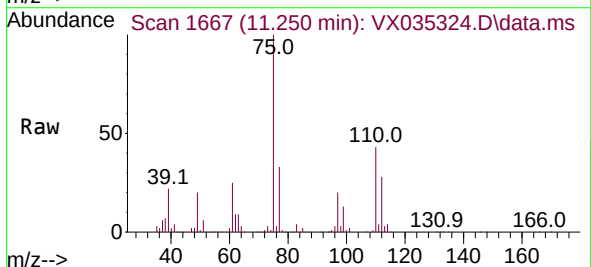
04/27/2023
Supervised By :Mahesh
Dadoda

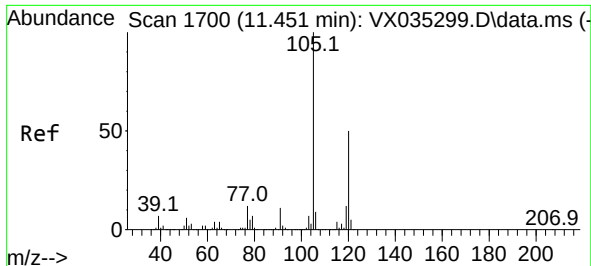
05/01/2023



#61
1,2,3-Trichloropropane
Concen: 45.592 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.012 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

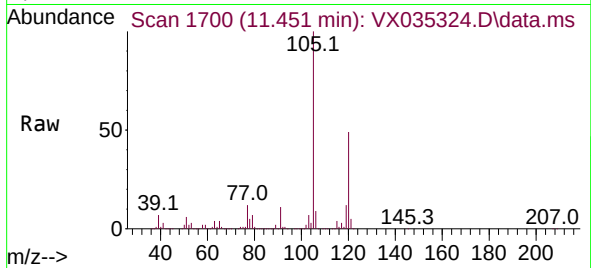
Tgt Ion: 75 Resp: 175162
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 41.2 32.5 48.7





#62
1,3,5-Trimethylbenzene
Concen: 55.358 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



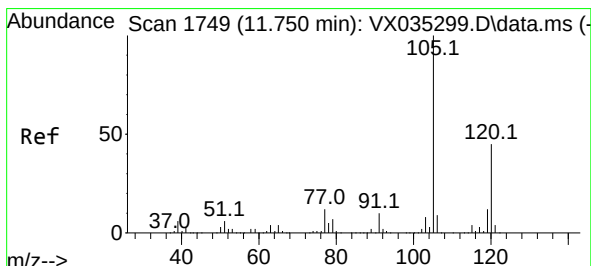
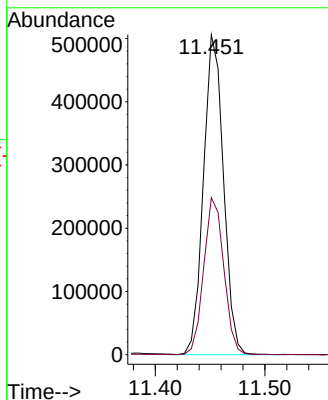
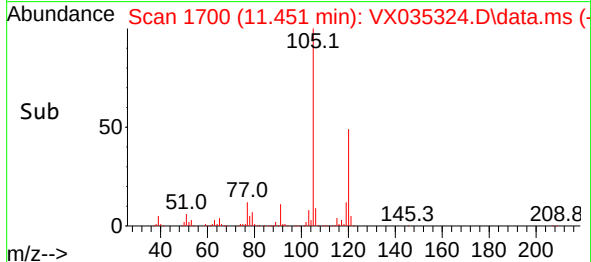
Tgt Ion:105 Resp: 640580
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3

Manual Integrations
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Reviewed By :John
Carlone

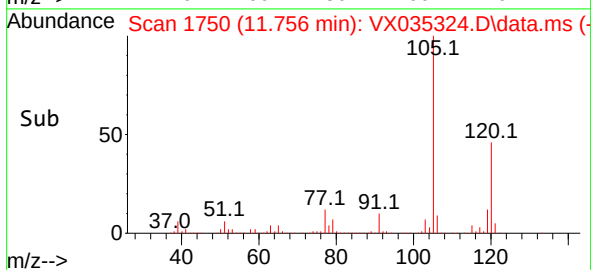
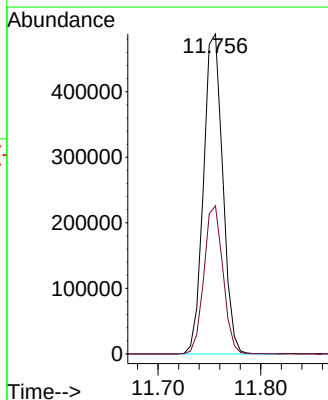
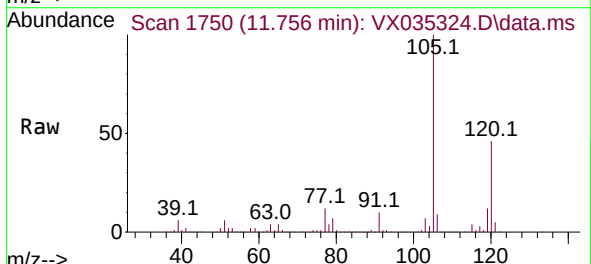
04/27/2023
Supervised By :Mahesh
Dadoda

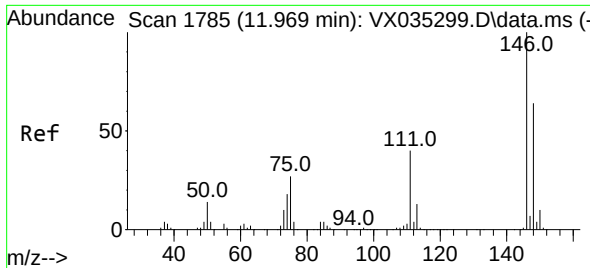
05/01/2023



#63
1,2,4-Trimethylbenzene
Concen: 55.318 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

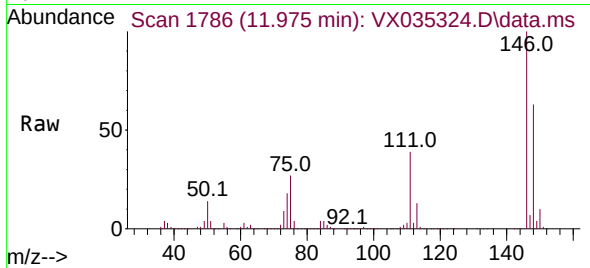
Tgt Ion:105 Resp: 636494
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 52.407 ug/L
RT: 11.975 min Scan# 11975
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



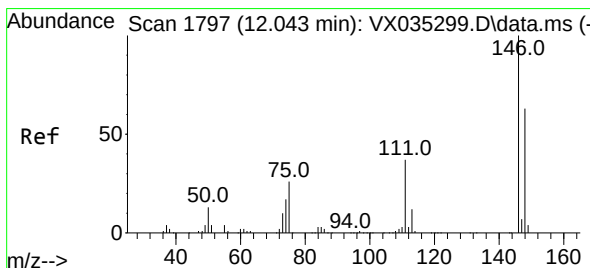
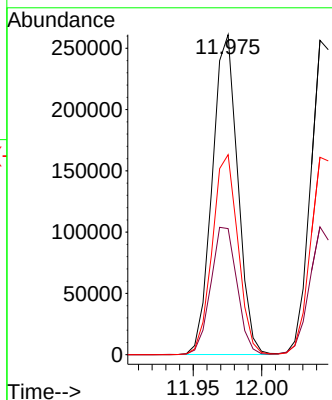
Tgt Ion:146 Resp: 33820
Ion Ratio Lower Upper
146 100
111 39.4 28.9 53.7
148 62.5 44.3 82.3

Manual Integrations
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Reviewed By :John
Carlone

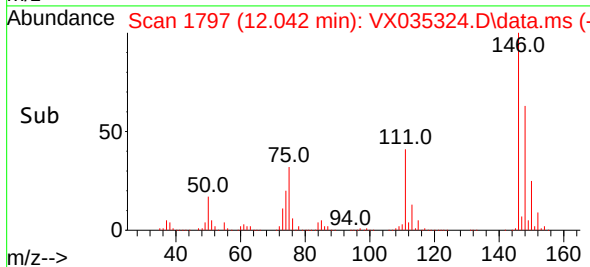
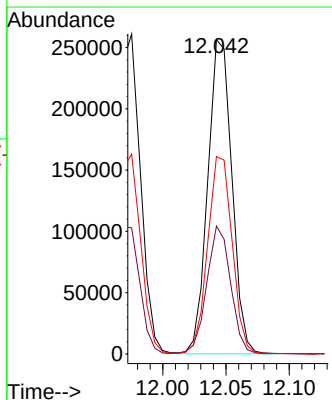
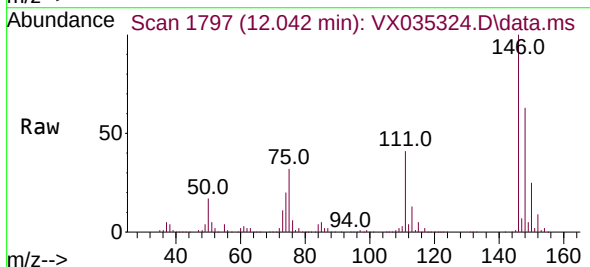
04/27/2023
Supervised By :Mahesh
Dadoda

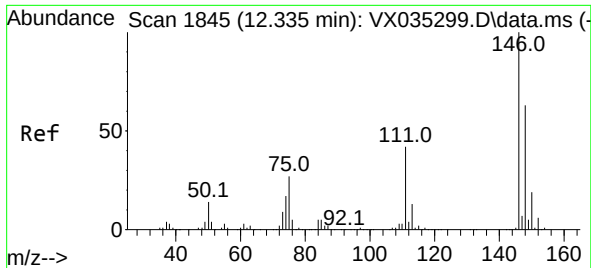
05/01/2023



#65
1,4-Dichlorobenzene
Concen: 51.563 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

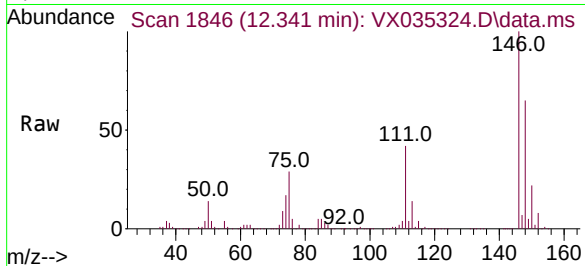
Tgt Ion:146 Resp: 340493
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 62.8 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 50.487 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



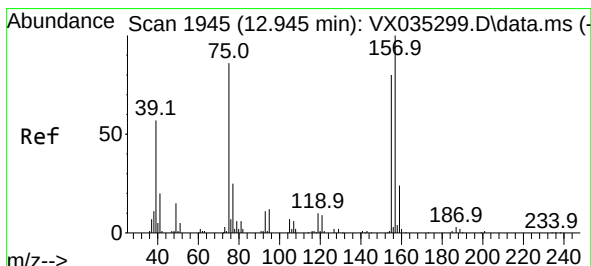
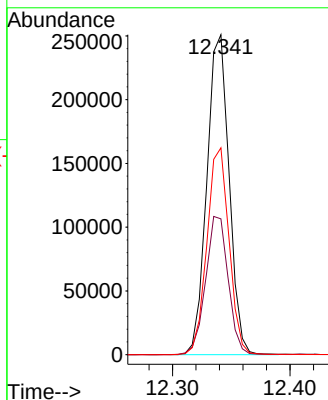
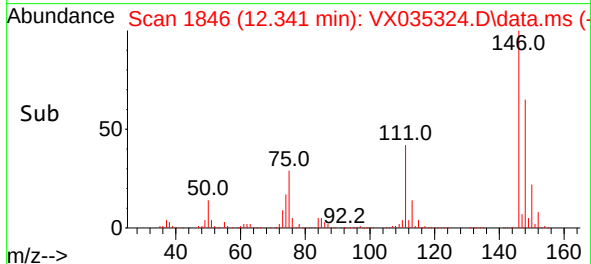
Tgt Ion:146 Resp: 330350
Ion Ratio Lower Upper
146 100
111 42.4 34.7 52.1
148 64.7 52.1 78.1

Manual Integrations
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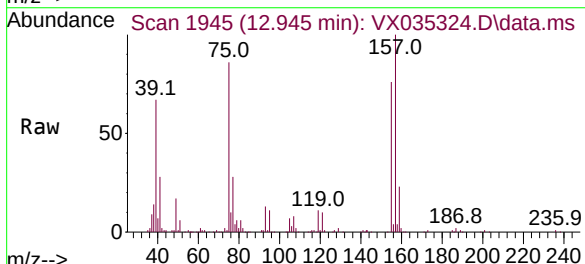
Reviewed By :John
Carlone

04/27/2023
Supervised By :Mahesh
Dadoda

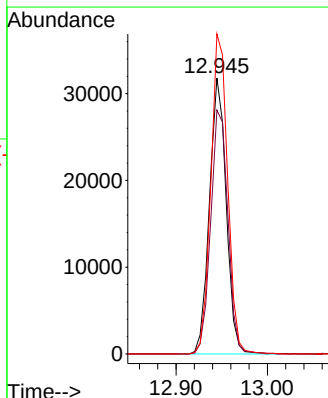
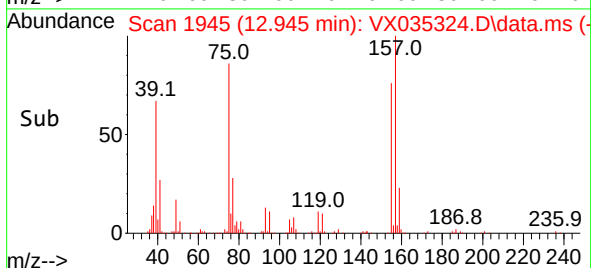
05/01/2023

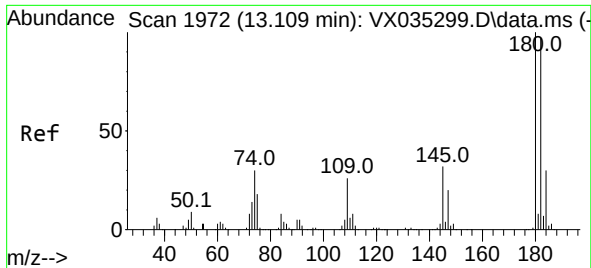


#68
1,2-Dibromo-3-chloropropane
Concen: 42.612 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26



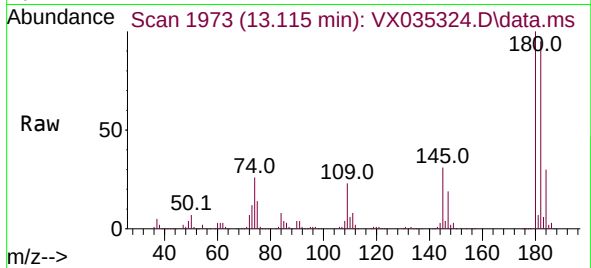
Tgt Ion: 75 Resp: 40396
Ion Ratio Lower Upper
75 100
155 88.3 69.9 104.9
157 115.9 90.4 135.6





#69
1,3,5-Trichlorobenzene
Concen: 61.741 ug/L
RT: 13.115 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
EW925MSD



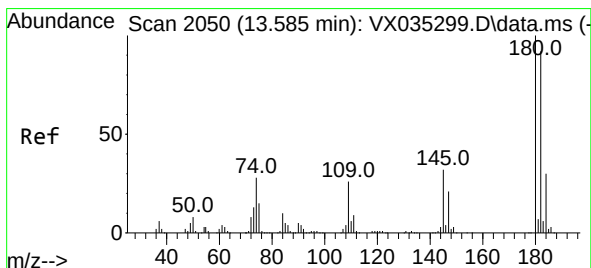
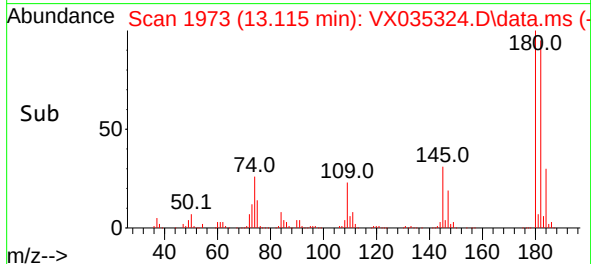
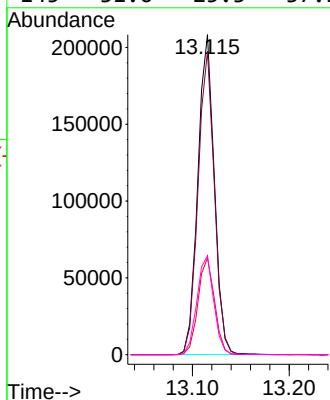
Tgt Ion:180 Resp: 246319
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.0
184 30.3 23.8 35.8
145 31.6 25.3 37.9

Manual Integrations
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Reviewed By :John
Carlone

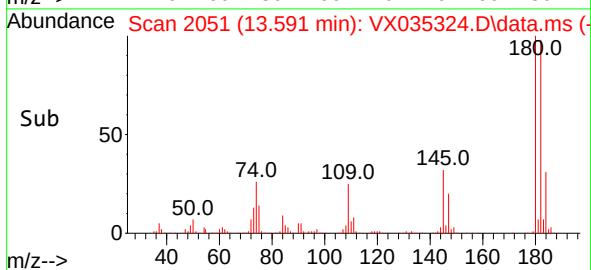
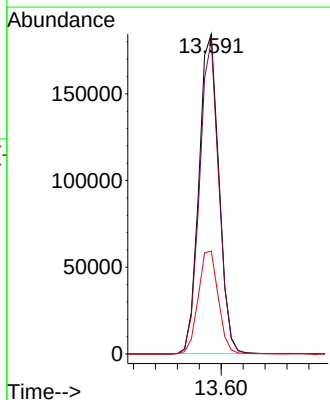
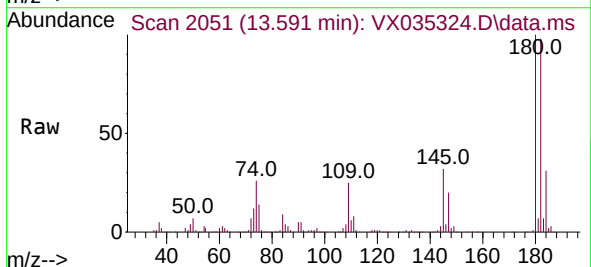
04/27/2023
Supervised By :Mahesh
Dadoda

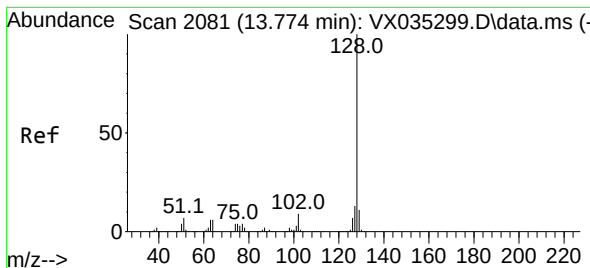
05/01/2023



#70
1,2,4-trichlorobenzene
Concen: 62.116 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035324.D
Acq: 26 Apr 2023 19:26

Tgt Ion:180 Resp: 232044
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 32.7 26.2 39.4





#71

Naphthalene

Concen: 54.560 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

EW925MSD

Tgt Ion:128	Resp: 72601
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 11.0	8.9 13.3

Manual Integrations

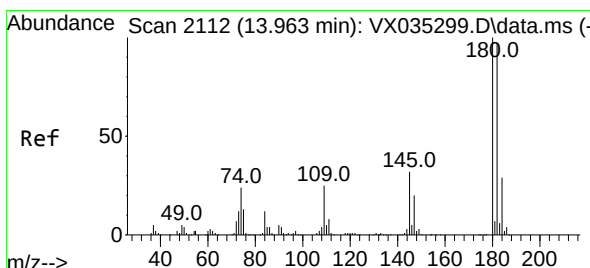
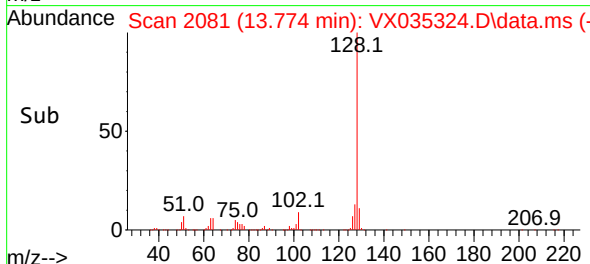
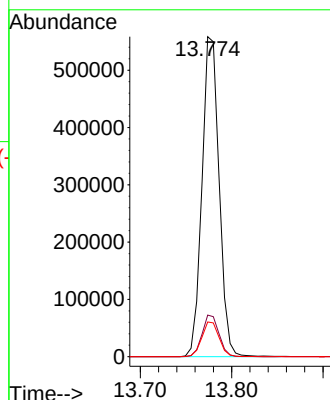
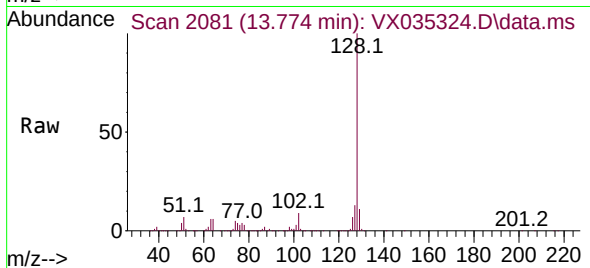
APPROVED

Reviewed By :John
Carlone

04/27/2023

Supervised By :Mahesh
Dadoda

05/01/2023



#72

1,2,3-Trichlorobenzene

Concen: 60.516 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035324.D

Acq: 26 Apr 2023 19:26

Tgt Ion:180	Resp: 223175
Ion Ratio	Lower Upper
180 100	
182 95.4	75.0 112.6
145 34.6	27.1 40.7

