

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036719.D
 Acq On : 25 Jul 2024 19:51
 Operator : SY/MD
 Sample : P3276-19MS
 Misc : 9.14g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J7MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	444892	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	400770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	46501	9.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.160%
7) Chloroethane-d5	1.529	69	59374	13.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.960%
11) 1,1-Dichloroethene-d2	2.050	65	22981	8.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.680%#
21) 2-Butanone-d5	3.841	46	56236	49.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.900%
24) Chloroform-d	4.256	84	37548	3.191	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	12.760%#
26) 1,2-Dichloroethane-d4	4.941	65	127527	21.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.880%
32) Benzene-d6	4.957	84	309193	16.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.120%
36) 1,2-Dichloropropane-d6	5.986	67	114110	21.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.320%
41) Toluene-d8	7.240	98	253831	14.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.000%
43) trans-1,3-Dichloroprop...	7.555	79	41714	17.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.360%
47) 2-Hexanone-d5	8.030	63	36044	50.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	1310	0.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1.120%#
66) 1,2-Dichlorobenzene-d4	11.558	152	103208	19.486	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	149037	19.753	ug/L	99
3) Chloromethane	1.211	50	124440	21.438	ug/L	99
5) Vinyl chloride	1.278	62	150431	20.956	ug/L	100
6) Bromomethane	1.484	94	120536	21.001	ug/L	99
8) Chloroethane	1.545	64	99588	21.407	ug/L	99
9) Trichlorofluoromethane	1.709	101	251880	20.209	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	146091	18.838	ug/L	99
12) 1,1-Dichloroethene	2.063	96	148744	21.672	ug/L	88
13) Acetone	2.156	43	124983m	67.658	ug/L	
14) Carbon disulfide	2.230	76	352298	18.494	ug/L	99
15) Methyl Acetate	2.391	43	7995m	3.710	ug/L	
16) Methylene chloride	2.439	84	175025	21.144	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	139703	20.155	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	331360	22.793	ug/L	100
19) 1,1-Dichloroethane	3.105	63	229446	21.099	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	146447	20.231	ug/L	99
22) 2-Butanone	3.908	43	75450	48.117	ug/L #	65
23) Bromochloromethane	4.143	128	85320	22.178	ug/L	100
25) Chloroform	4.269	83	465064	35.429	ug/L	100

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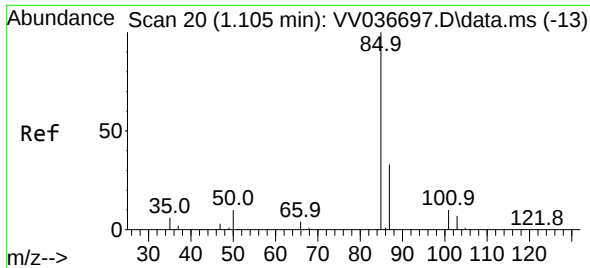
Manual Integrations
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 Supervised By :Mahesh Dadoda 07/26/2024

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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	174215	22.118	ug/L	98
29) Cyclohexane	4.577	56	123322	17.259	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	228852	22.072	ug/L	100
31) Carbon tetrachloride	4.728	117	173562	17.917	ug/L	98
33) Benzene	5.005	78	517549	22.740	ug/L	100
34) Trichloroethene	5.828	95	292996	39.338	ug/L	97
35) Methylcyclohexane	6.047	83	128309	12.938	ug/L	99
37) 1,2-Dichloropropane	6.088	63	121699	23.234	ug/L	100
38) Bromodichloromethane	6.429	83	185427	21.713	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	180684	21.009	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	137253	56.116	ug/L	98
42) Toluene	7.310	91	548643	21.764	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	148131	19.179	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	115102	22.532	ug/L	98
46) Tetrachloroethene	7.902	164	121296	16.411	ug/L	98
48) 2-Hexanone	8.079	43	112675	58.756	ug/L	96
49) Dibromochloromethane	8.172	129	140564	21.840	ug/L	98
50) 1,2-Dibromoethane	8.281	107	120262	23.432	ug/L	100
51) Chlorobenzene	8.812	112	352304	19.302	ug/L	99
52) Ethylbenzene	8.944	91	512796	18.493	ug/L	100
53) m,p-Xylene	9.069	106	207135	19.133	ug/L	97
54) o-Xylene	9.477	106	189794	18.246	ug/L	99
55) Styrene	9.493	104	342507	19.419	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.204	83	2824	0.610	ug/L #	90
59) Bromoform	9.664	173	88465	30.959	ug/L	98
60) Isopropylbenzene	9.863	105	452806	24.387	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	90456	33.818	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	298300	20.597	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	307153	20.951	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	204985	19.749	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	210978	19.738	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	183804	19.045	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	17276	27.427	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	81272	9.926	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	56035	8.425	ug/L	100
71) Naphthalene	13.439	128	117573	11.884	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	46435	7.738	ug/L	97

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



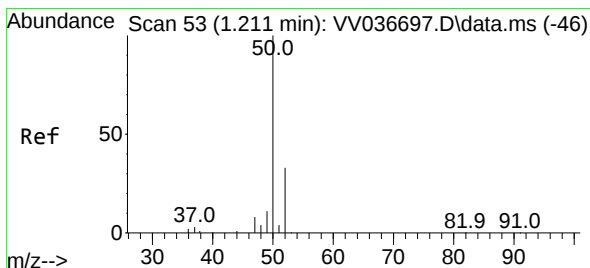
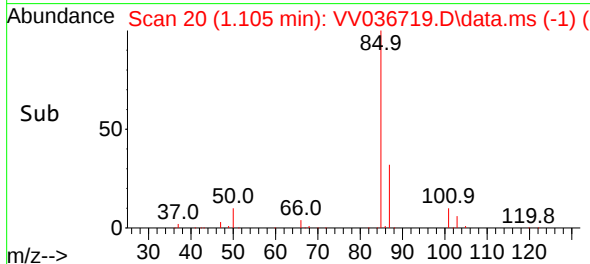
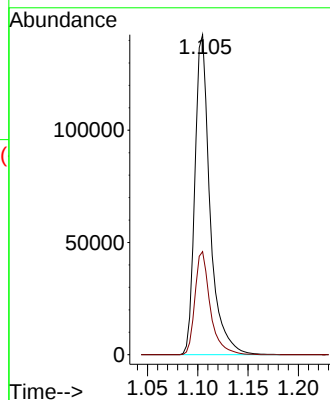
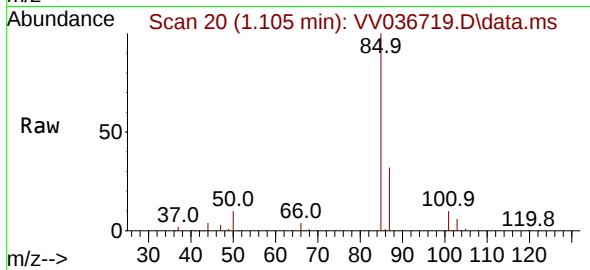
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Dichlorodifluoromethane
Concen: 19.753 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 85 Resp: 14903
Ion Ratio Lower Upper
85 100
87 32.6 26.5 39.7

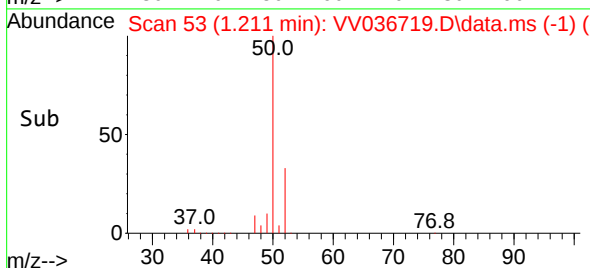
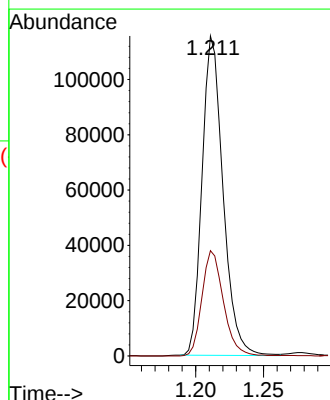
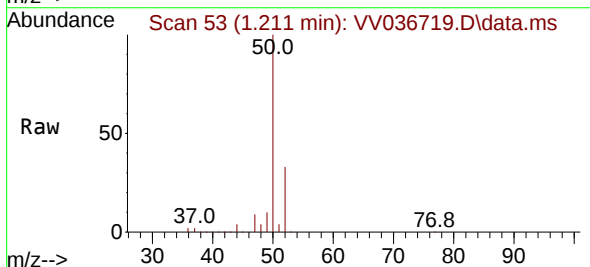
Manual Integrations
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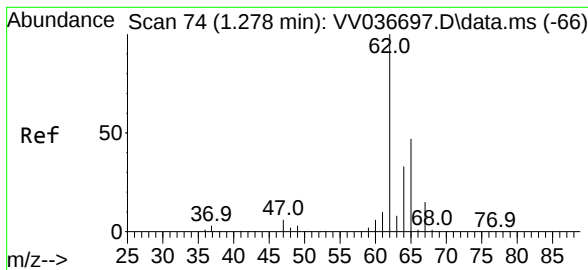
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#3
Chloromethane
Concen: 21.438 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

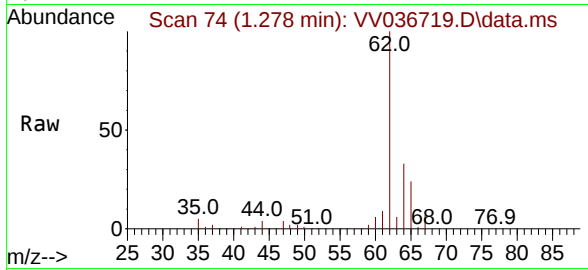
Tgt Ion: 50 Resp: 124440
Ion Ratio Lower Upper
50 100
52 32.9 23.3 43.3





#5
 Vinyl chloride
 Concen: 20.956 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036719.D
 Acq: 25 Jul 2024 19:51

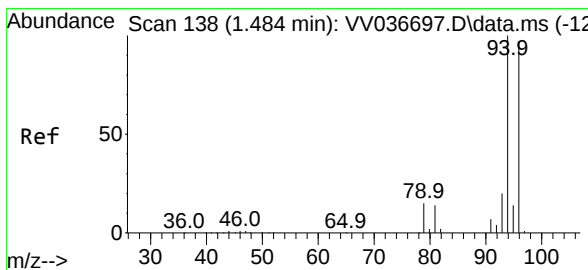
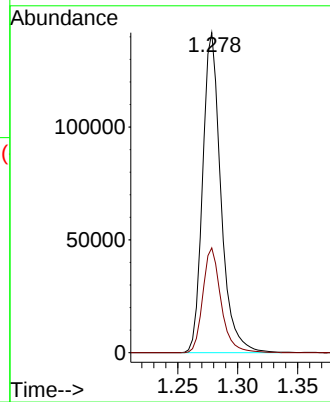
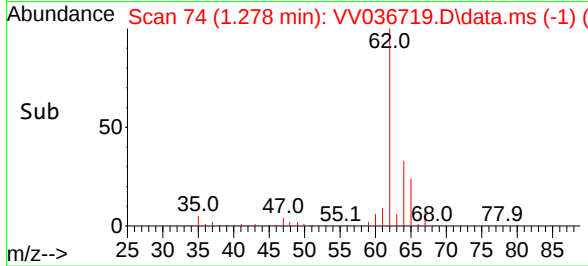
Instrument :
 MSVOA_V
 ClientSampleId :
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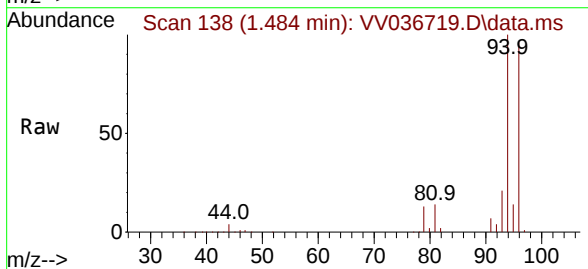
Tgt Ion: 62 Resp: 15043
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9

Manual Integrations
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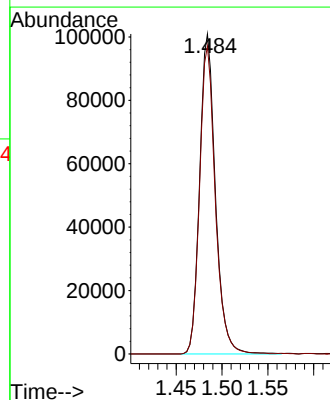
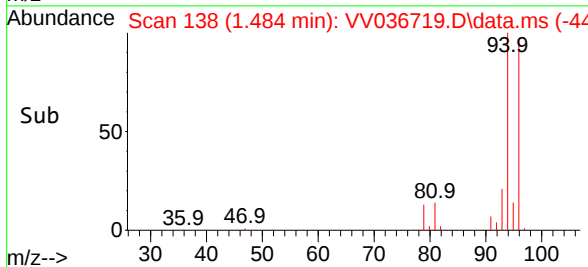
Reviewed By :Romaben Patel 07/26/2024
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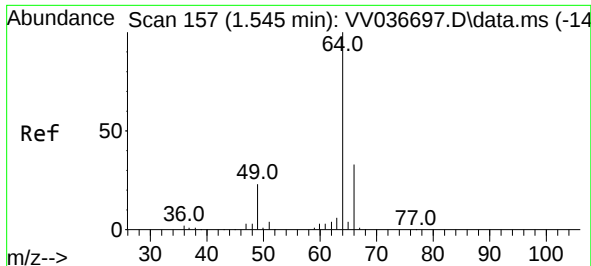


#6
 Bromomethane
 Concen: 21.001 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036719.D
 Acq: 25 Jul 2024 19:51



Tgt Ion: 94 Resp: 120536
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.6 123.6





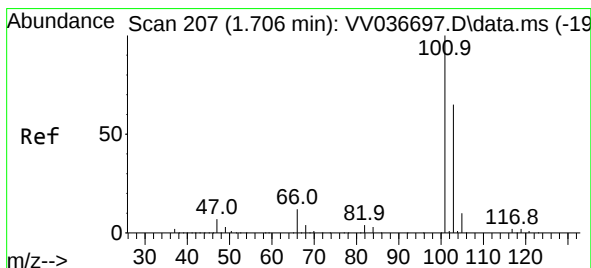
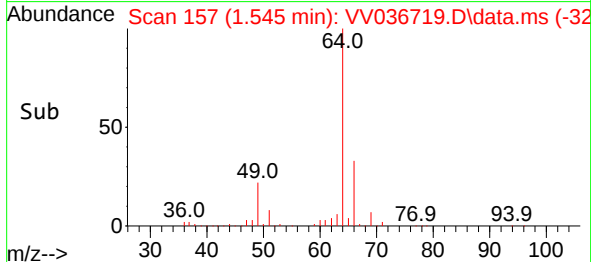
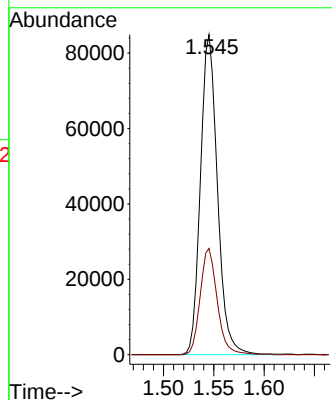
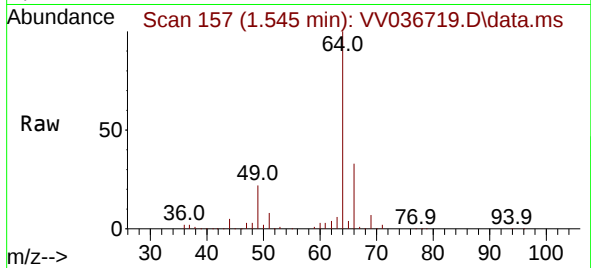
#8
Chloroethane
Concen: 21.407 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 64 Resp: 9958
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.1

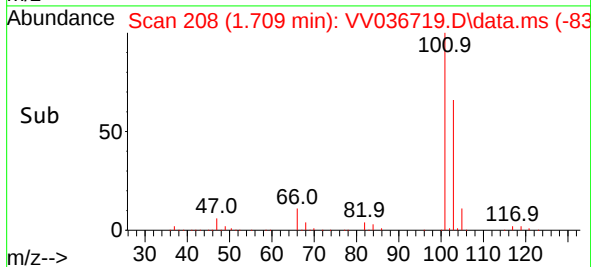
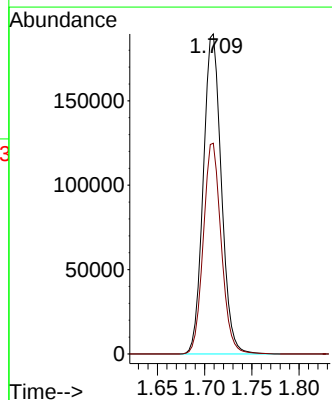
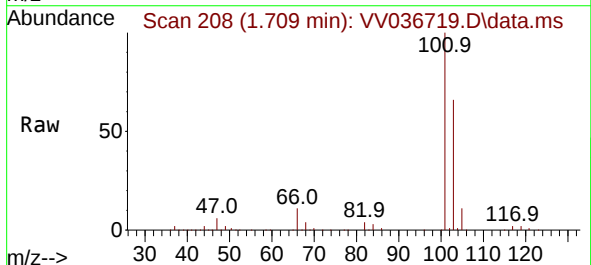
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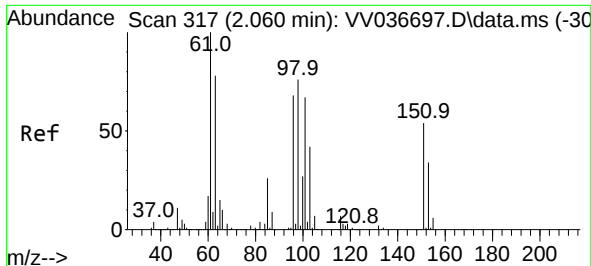
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#9
Trichlorofluoromethane
Concen: 20.209 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:101 Resp: 251880
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 18.838 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

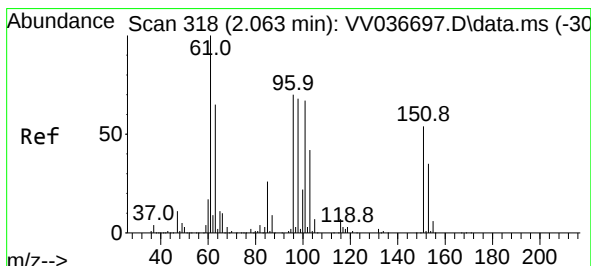
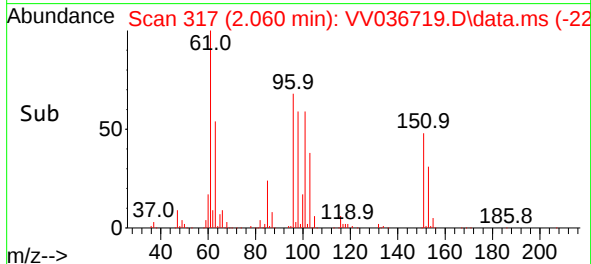
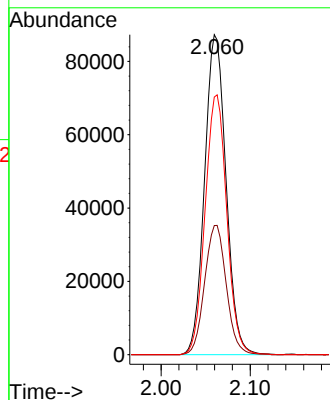
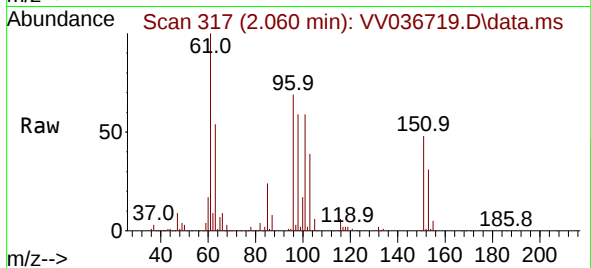
E20J7MS

Tgt Ion:	101	Resp:	14609
Ion Ratio	Lower	Upper	
101	100		
85	40.8	32.4	48.6
151	82.0	64.9	97.3

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 21.672 ug/L

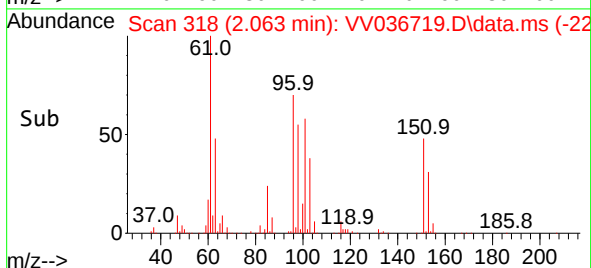
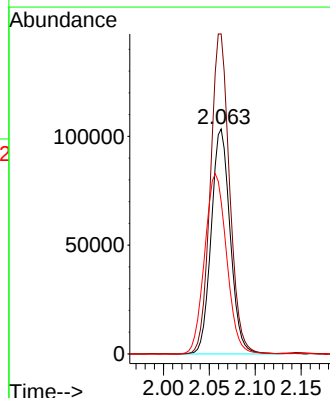
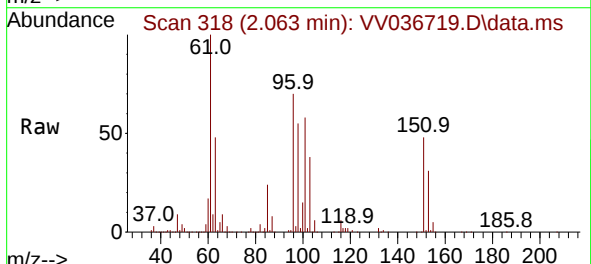
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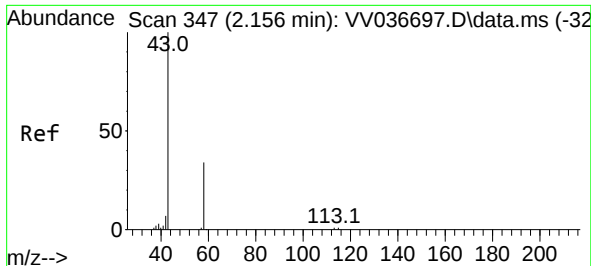
Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

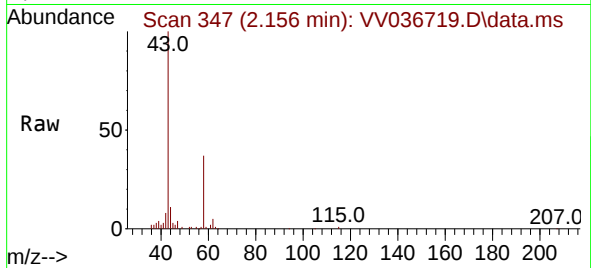
Tgt Ion:	96	Resp:	148744
Ion Ratio	Lower	Upper	
96	100		
61	142.3	102.3	189.9
63	67.8	64.1	119.1





#13
Acetone
Concen: 67.658 ug/L m
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

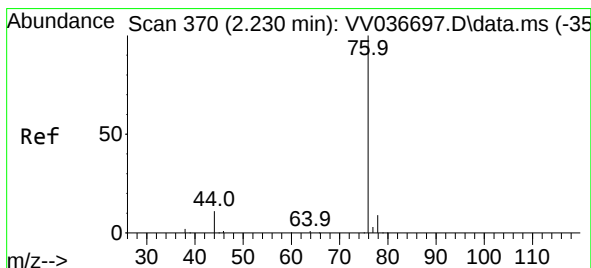
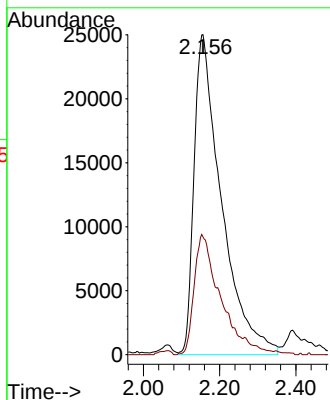
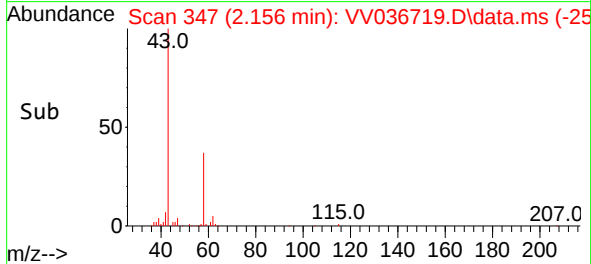
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion: 43 Resp: 12498
Ion Ratio Lower Upper
43 100
58 0.0 0.0 23.0

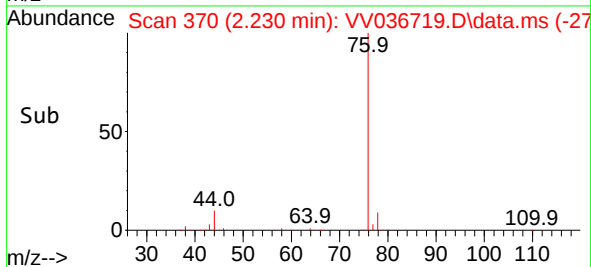
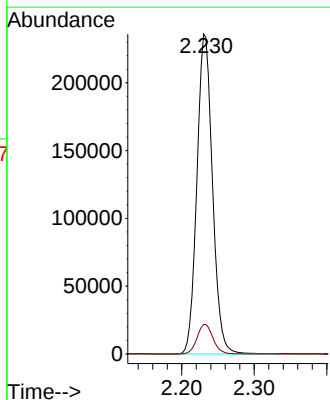
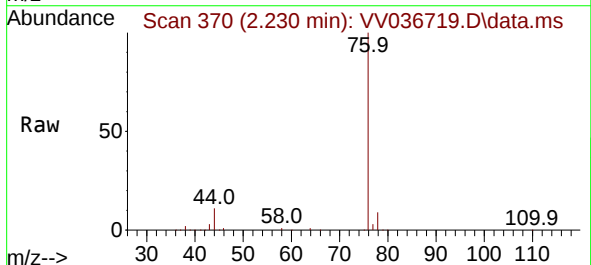
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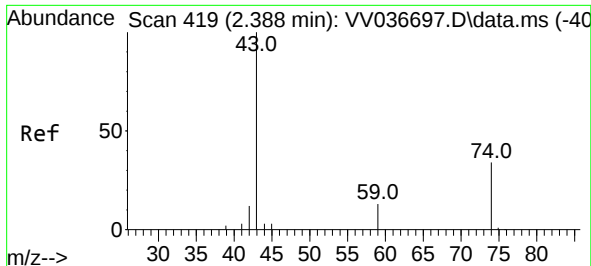
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#14
Carbon disulfide
Concen: 18.494 ug/L
RT: 2.230 min Scan# 370
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion: 76 Resp: 352298
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





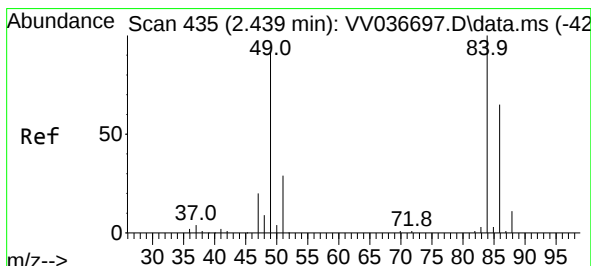
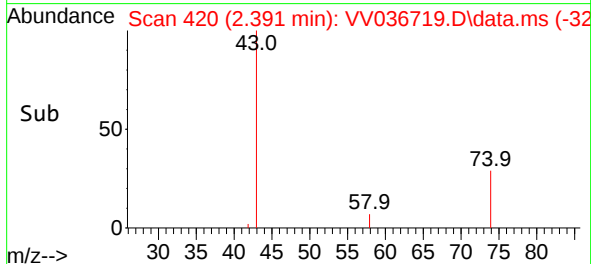
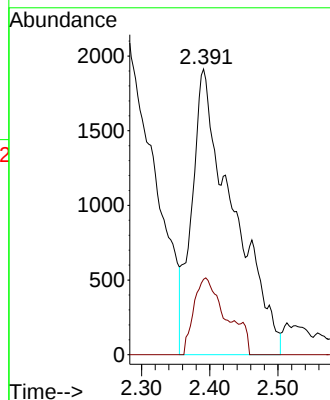
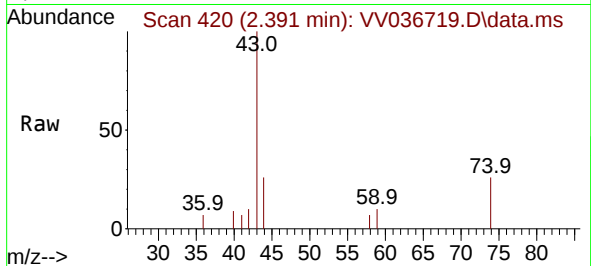
#15
Methyl Acetate
Concen: 3.710 ug/L m
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
74 17.4 27.8 41.8

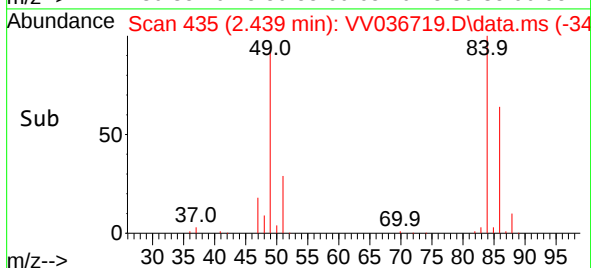
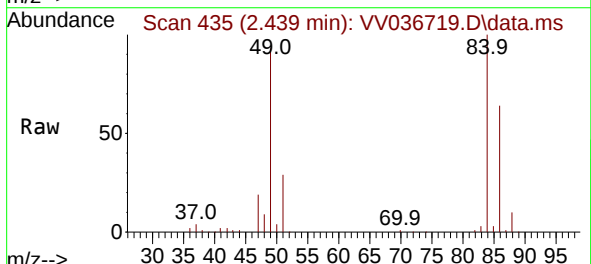
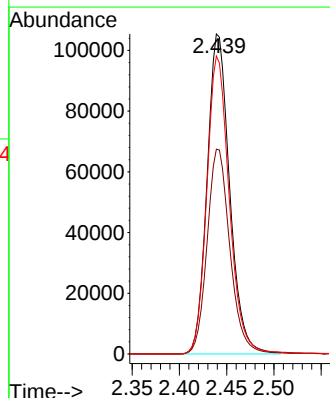
Manual Integrations
APPROVED

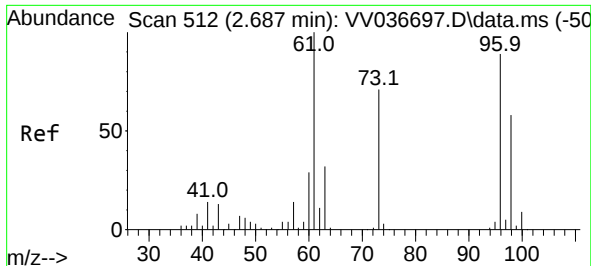
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#16
Methylene chloride
Concen: 21.144 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

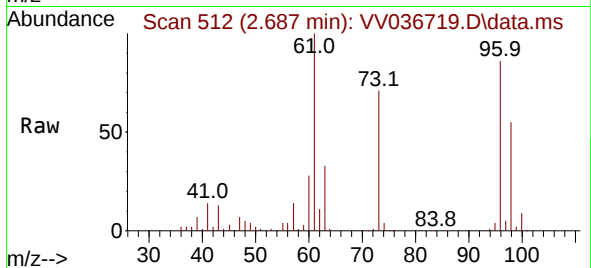
Tgt Ion: 84 Resp: 175025
Ion Ratio Lower Upper
84 100
86 64.0 47.2 87.6
49 93.1 67.3 125.1





#17
trans-1,2-Dichloroethene
Concen: 20.155 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

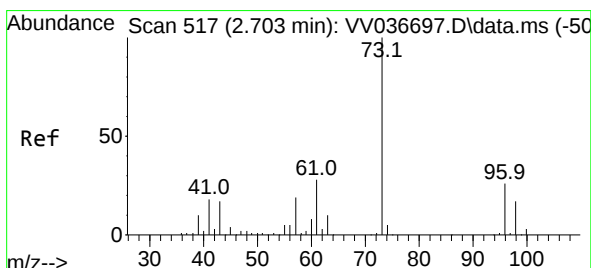
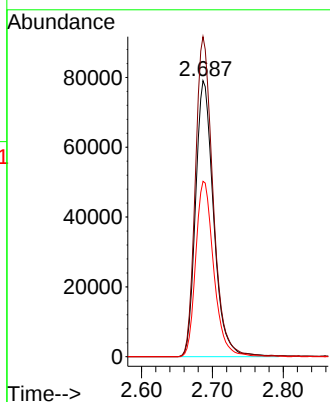
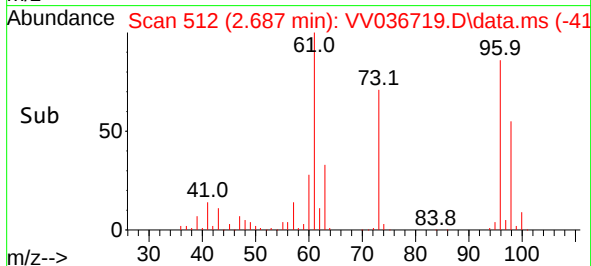
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion: 96 Resp: 13970
Ion Ratio Lower Upper
96 100
61 115.9 81.5 151.5
98 63.5 44.3 82.3

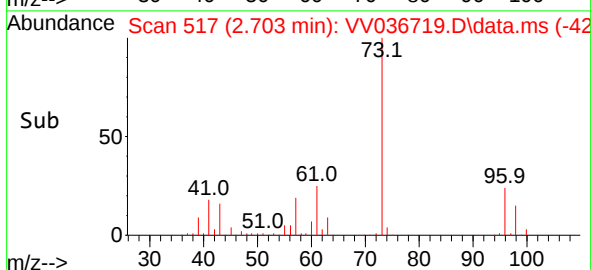
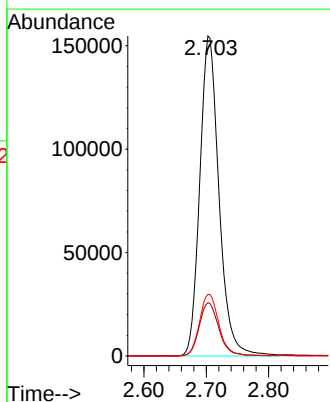
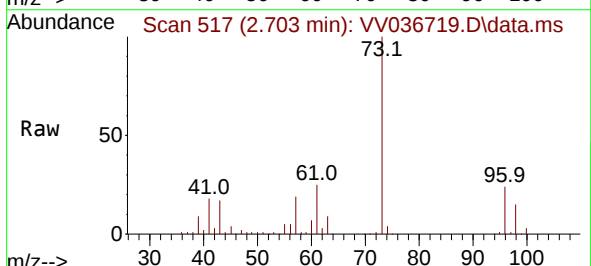
Manual Integrations
APPROVED

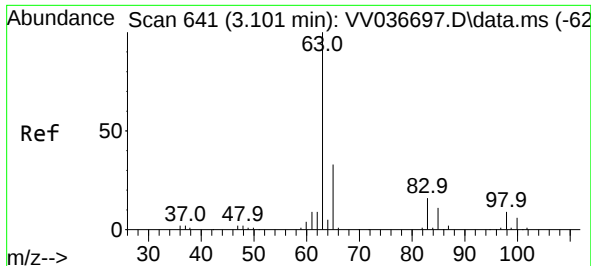
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#18
Methyl tert-butyl Ether
Concen: 22.793 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion: 73 Resp: 331360
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 19.6 15.4 23.2





#19

1,1-Dichloroethane

Concen: 21.099 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

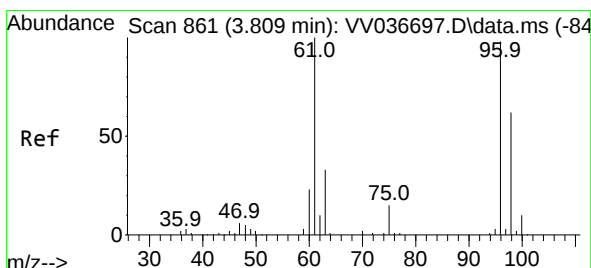
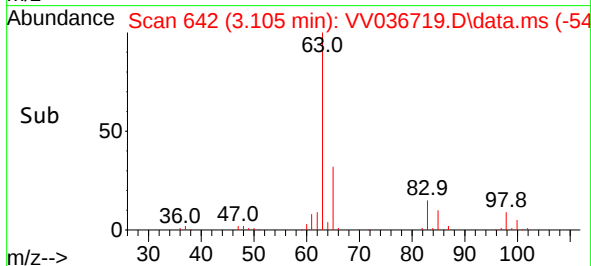
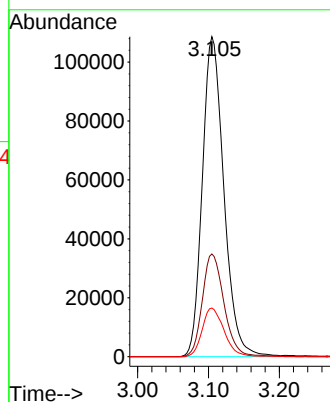
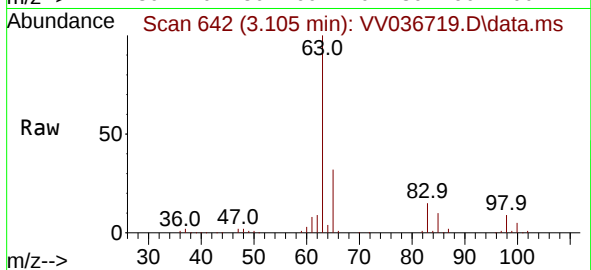
Tgt Ion: 63 Resp: 229440

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.1
83	15.2	11.1	20.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#20

cis-1,2-Dichloroethene

Concen: 20.231 ug/L

RT: 3.809 min Scan# 861

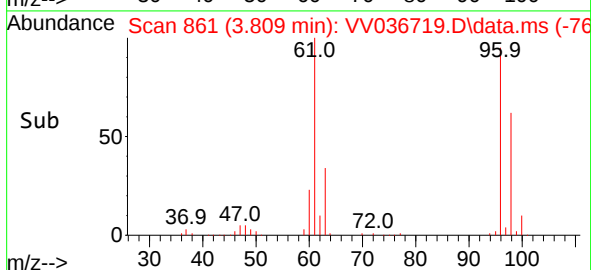
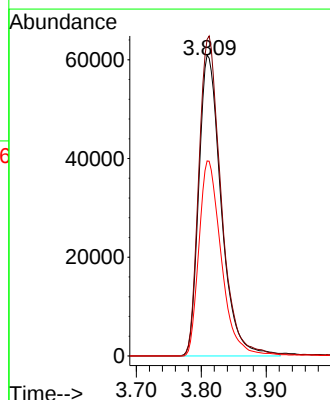
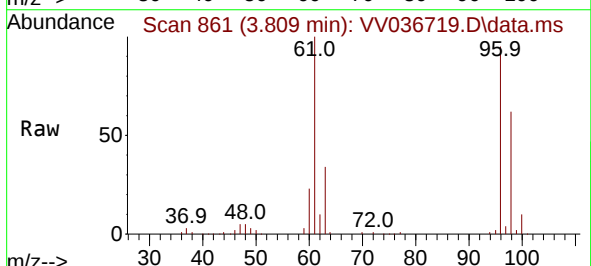
Delta R.T. 0.003 min

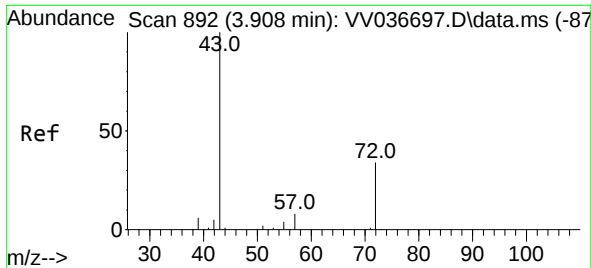
Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Tgt Ion: 96 Resp: 146447

Ion	Ratio	Lower	Upper
96	100		
61	105.2	73.0	135.6
98	64.8	44.8	83.2





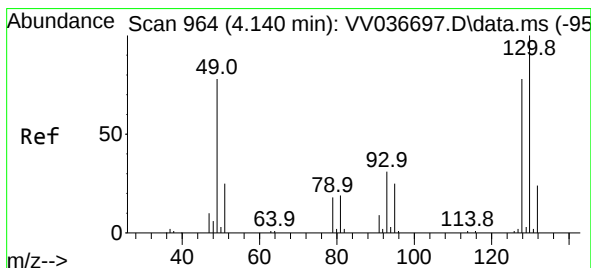
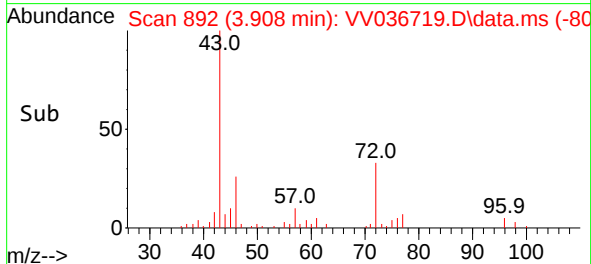
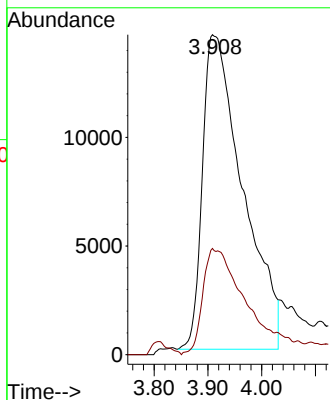
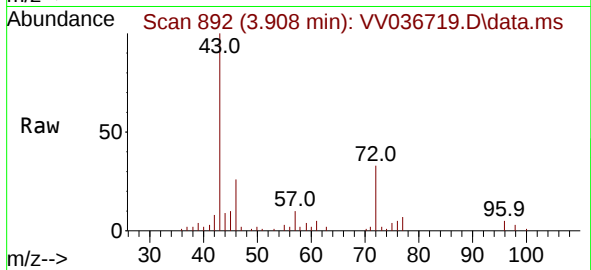
#22
2-Butanone
Concen: 48.117 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 43 Resp: 75450
Ion Ratio Lower Upper
43 100
72 11.3 15.2 45.5

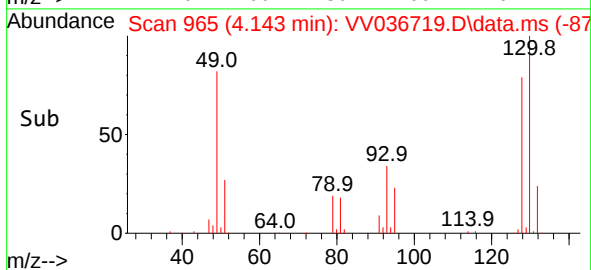
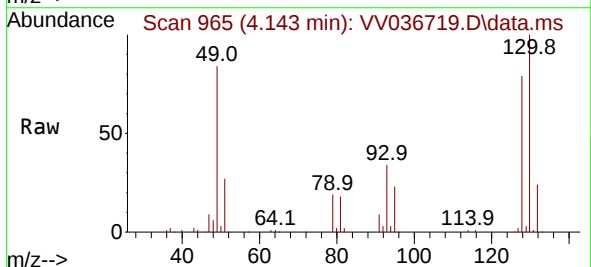
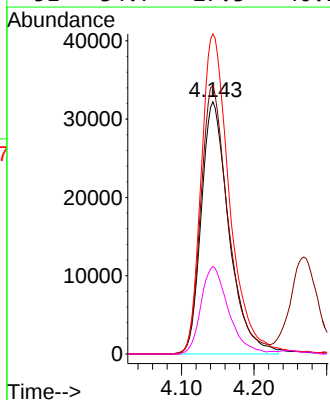
Manual Integrations
APPROVED

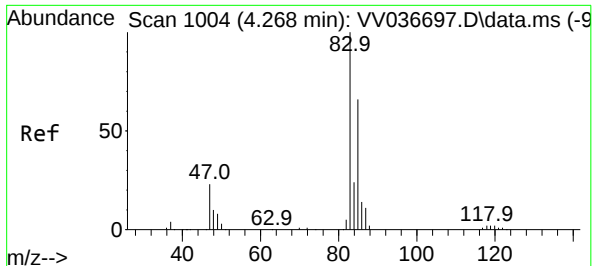
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#23
Bromochloromethane
Concen: 22.178 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:128 Resp: 85320
Ion Ratio Lower Upper
128 100
49 106.4 74.4 138.2
130 126.9 88.6 164.6
51 34.7 27.3 40.9





#25

Chloroform

Concen: 35.429 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

Tgt Ion: 83 Resp: 465064

Ion Ratio Lower Upper

83 100

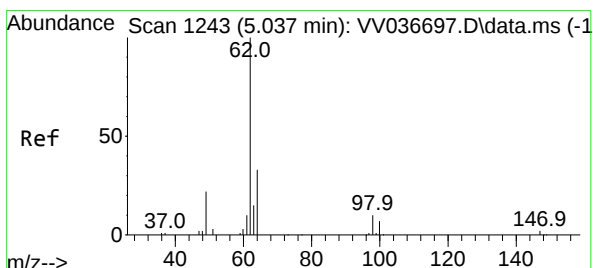
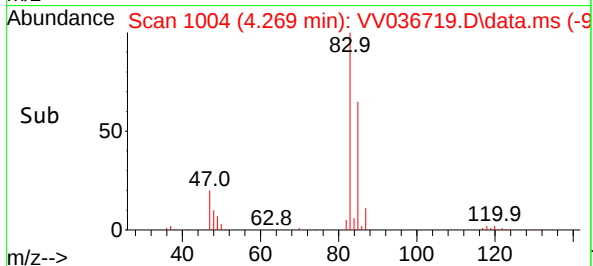
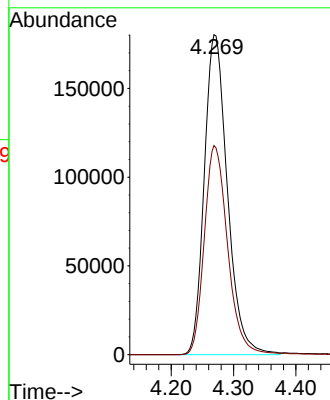
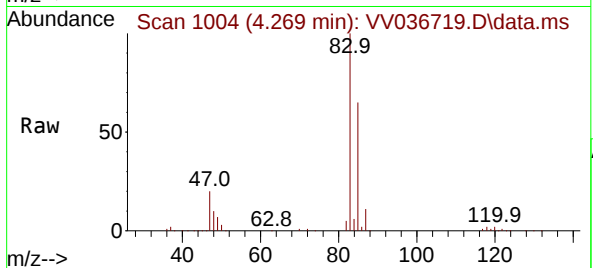
85 65.4 45.6 84.6

Manual Integrations

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Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#27

1,2-Dichloroethane

Concen: 22.118 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036719.D

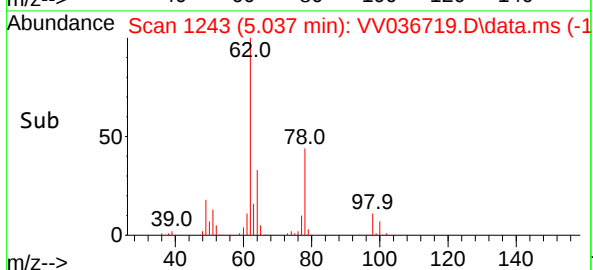
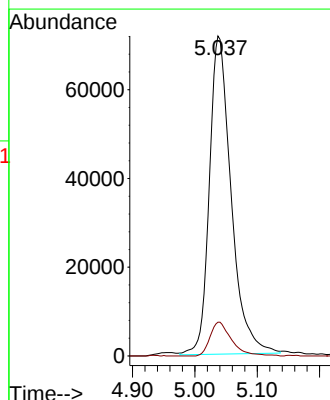
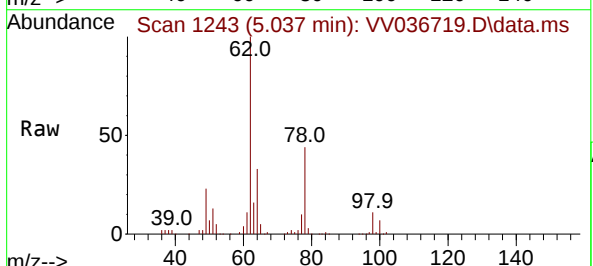
Acq: 25 Jul 2024 19:51

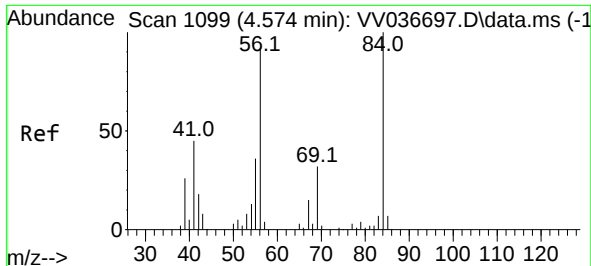
Tgt Ion: 62 Resp: 174215

Ion Ratio Lower Upper

62 100

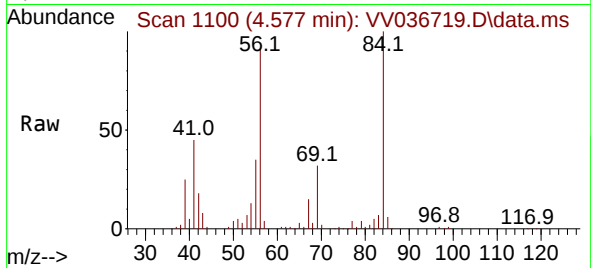
98 10.6 9.0 13.6





#29
Cyclohexane
Concen: 17.259 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.007 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

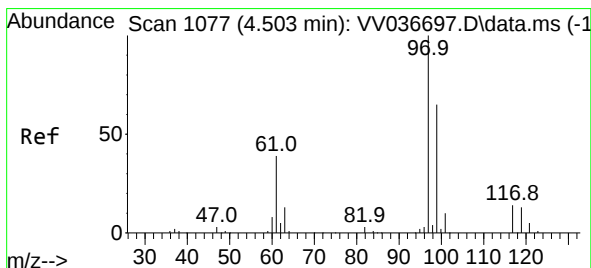
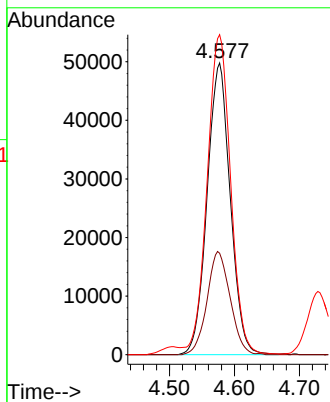
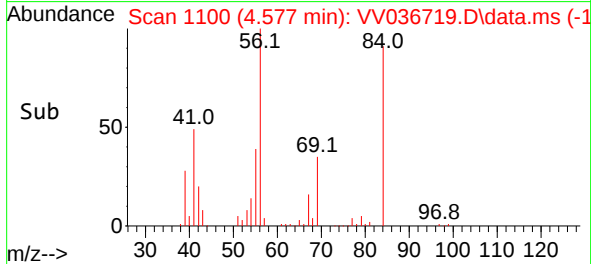
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



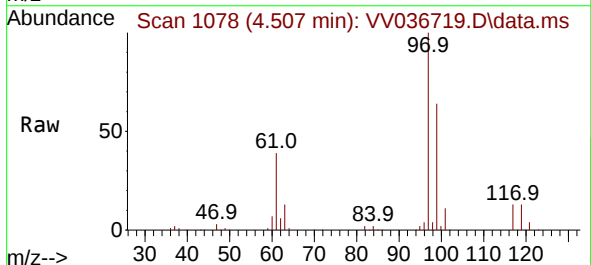
Tgt Ion: 56 Resp: 12332
Ion Ratio Lower Upper
56 100
69 35.2 28.5 42.7
84 111.0 88.6 132.8

Manual Integrations
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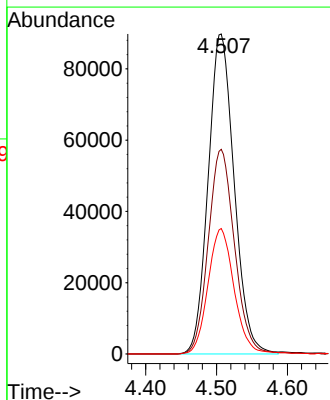
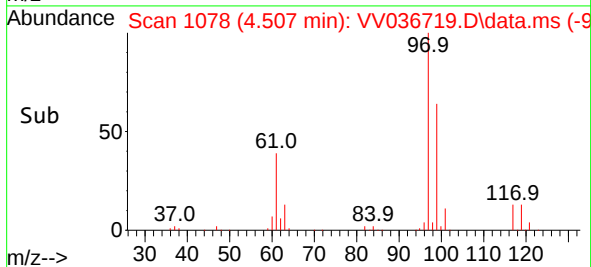
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

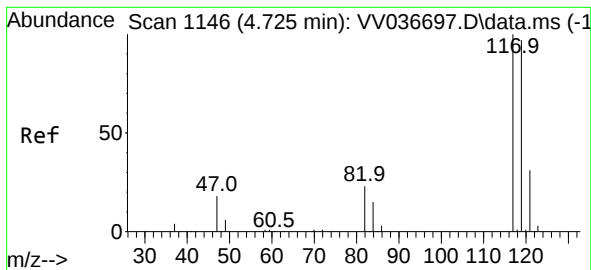


#30
1,1,1-Trichloroethane
Concen: 22.072 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51



Tgt Ion: 97 Resp: 228852
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 39.4 31.9 47.9





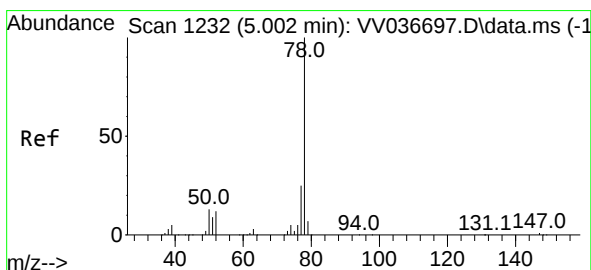
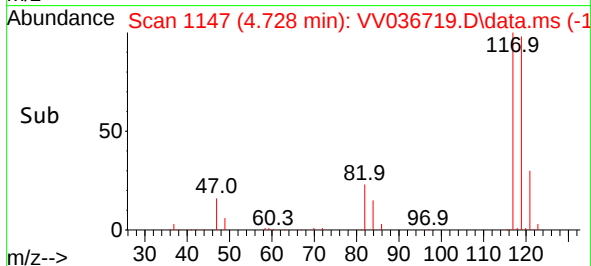
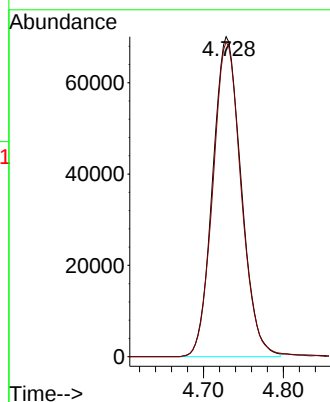
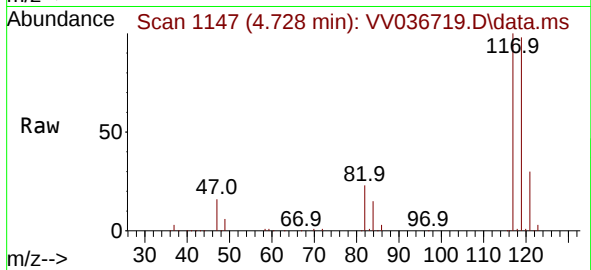
#31
Carbon tetrachloride
Concen: 17.917 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion:117 Resp: 173562
Ion Ratio Lower Upper
117 100
119 98.0 76.6 115.0

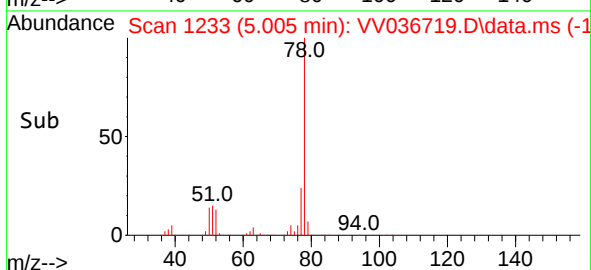
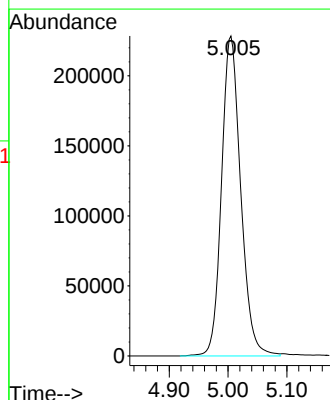
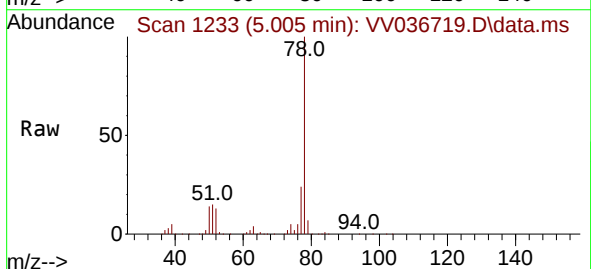
Manual Integrations
APPROVED

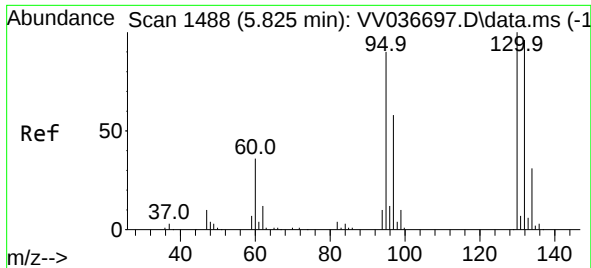
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#33
Benzene
Concen: 22.740 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

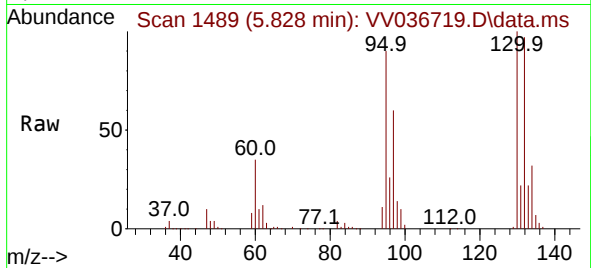
Tgt Ion: 78 Resp: 517549





#34
Trichloroethene
Concen: 39.338 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

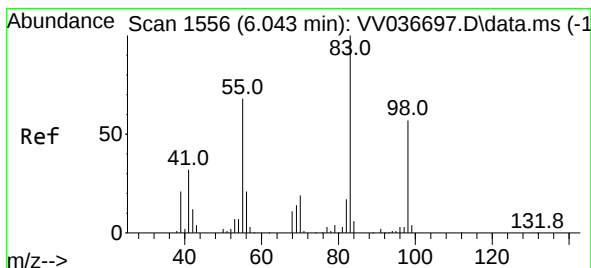
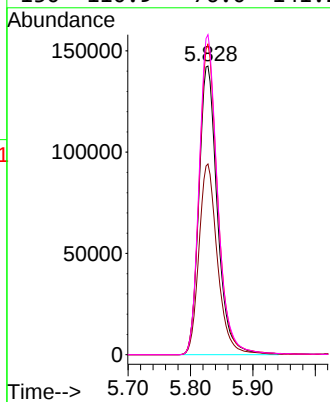
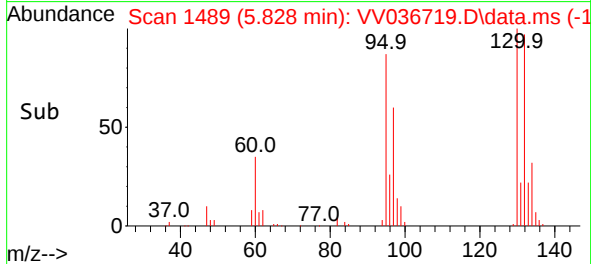
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion: 95 Resp: 292990
Ion Ratio Lower Upper
95 100
97 66.1 45.1 83.7
132 107.5 72.7 134.9
130 110.9 76.0 141.2

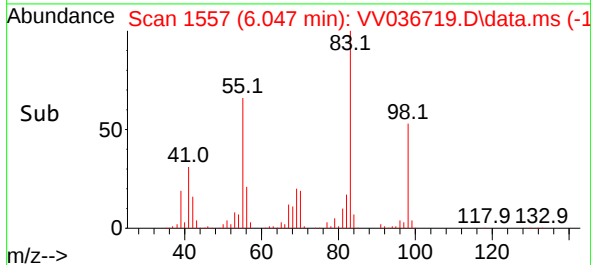
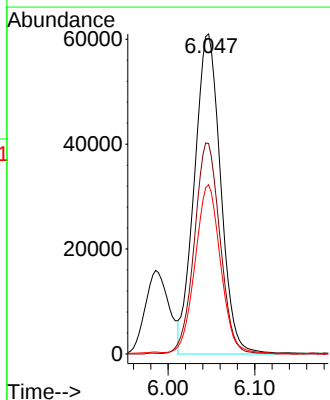
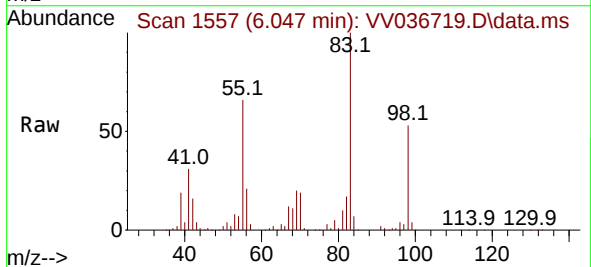
Manual Integrations
APPROVED

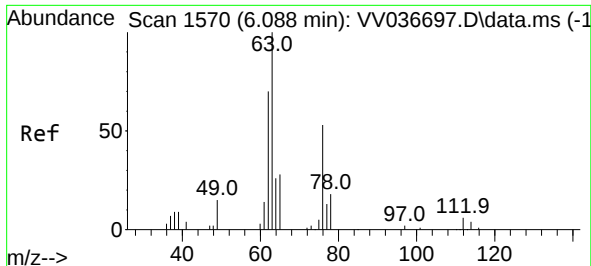
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#35
Methylcyclohexane
Concen: 12.938 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion: 83 Resp: 128309
Ion Ratio Lower Upper
83 100
55 64.6 50.8 76.2
98 51.8 41.3 61.9





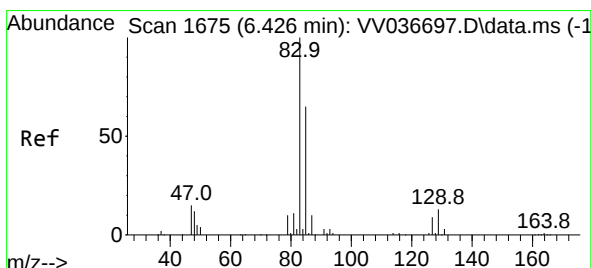
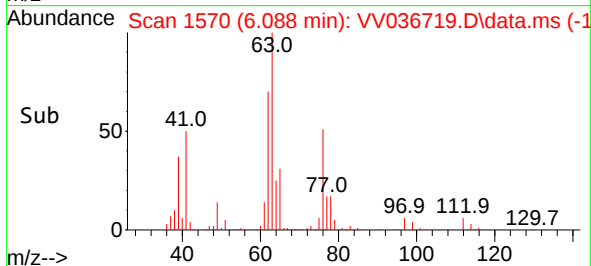
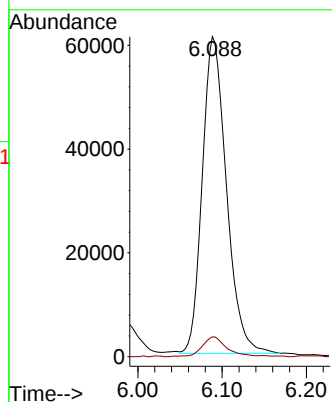
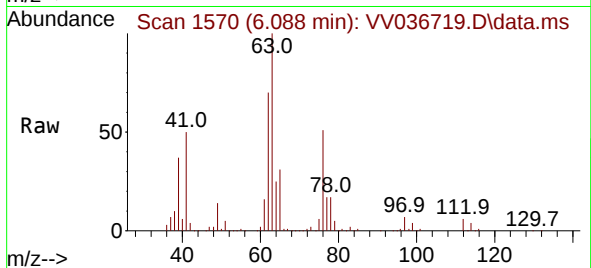
#37
1,2-Dichloropropane
Concen: 23.234 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 63 Resp: 121699
Ion Ratio Lower Upper
63 100
112 6.0 4.8 7.2

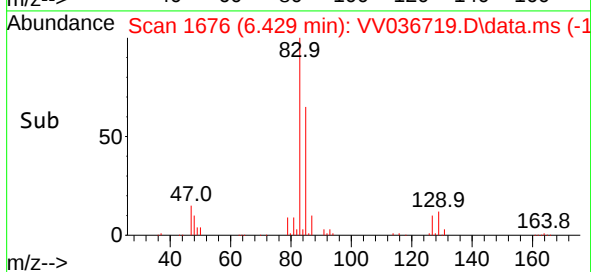
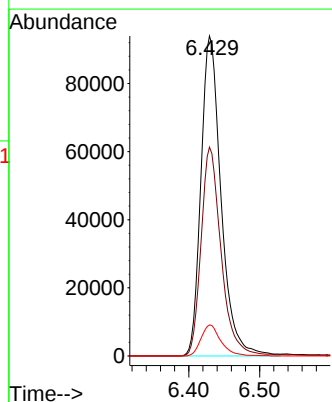
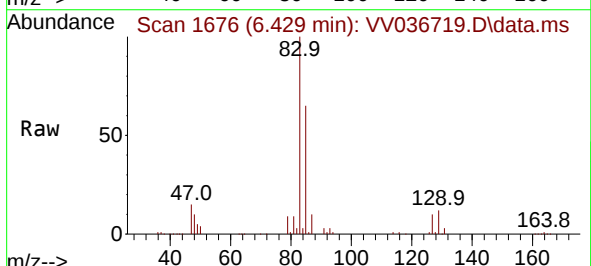
Manual Integrations
APPROVED

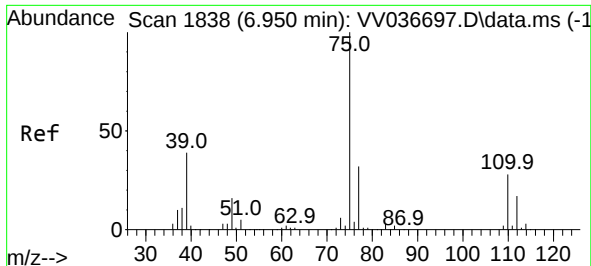
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#38
Bromodichloromethane
Concen: 21.713 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion: 83 Resp: 185427
Ion Ratio Lower Upper
83 100
85 65.3 44.6 82.8
127 9.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 21.009 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

Tgt Ion: 75 Resp: 180684

Ion Ratio Lower Upper

75 100

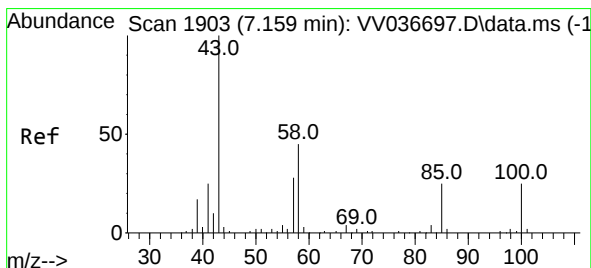
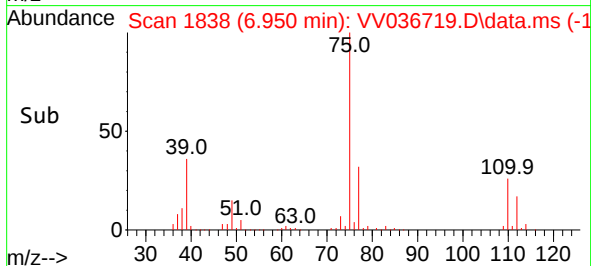
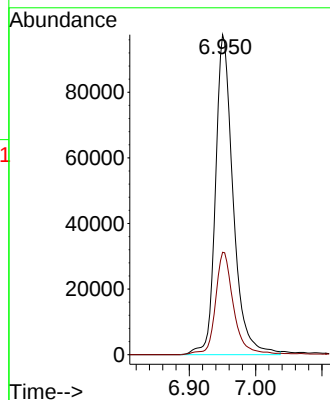
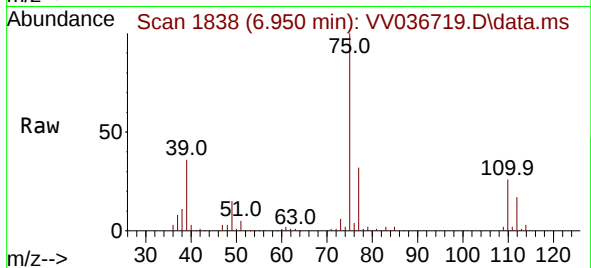
77 32.0 22.8 42.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#40

4-Methyl-2-pentanone

Concen: 56.116 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

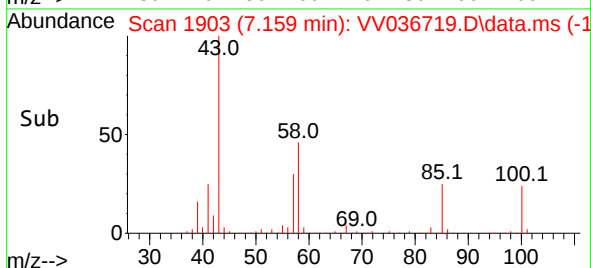
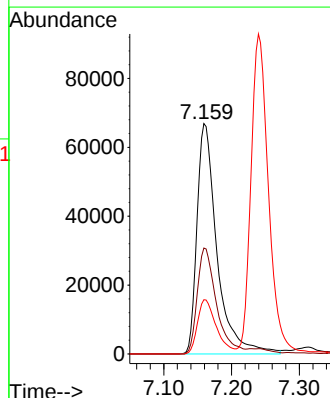
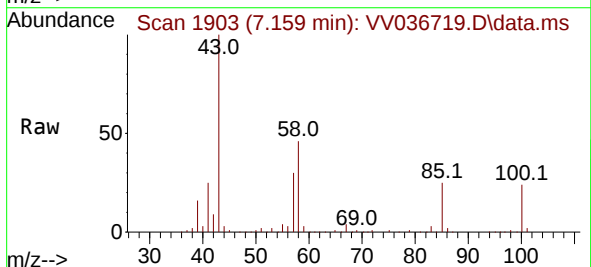
Tgt Ion: 43 Resp: 137253

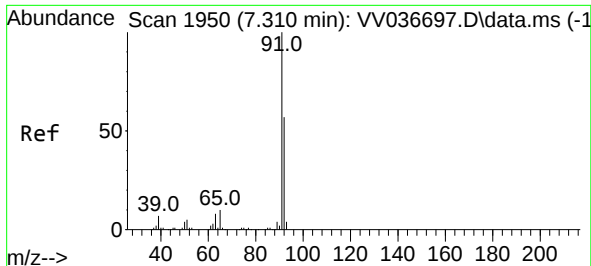
Ion Ratio Lower Upper

43 100

58 44.0 36.6 54.8

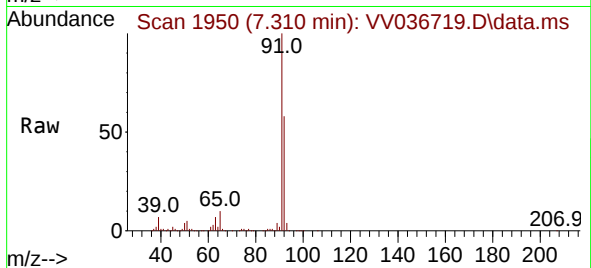
100 22.1 18.2 27.4





#42
Toluene
Concen: 21.764 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

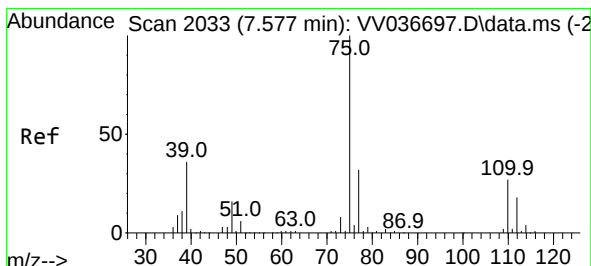
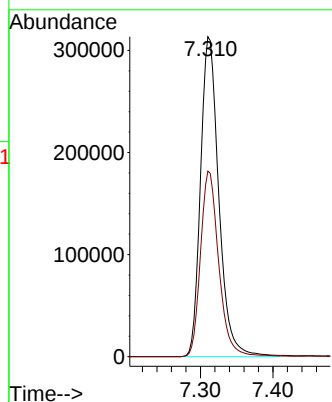
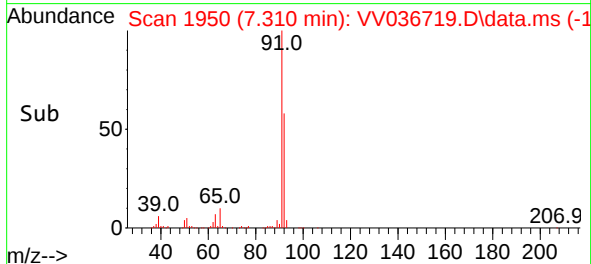
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



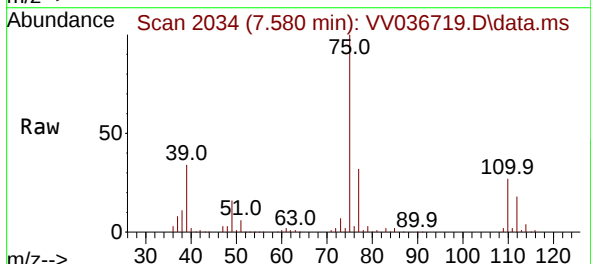
Tgt Ion: 91 Resp: 54864
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.3

Manual Integrations
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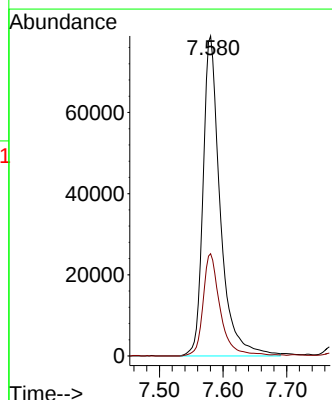
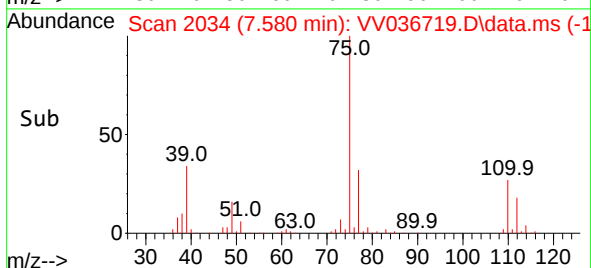
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

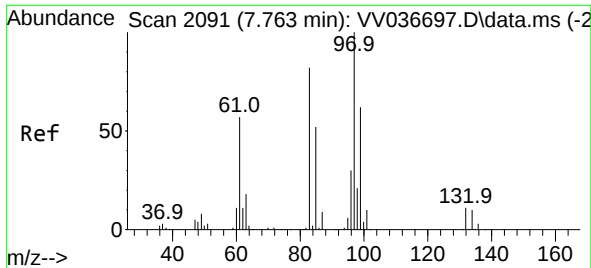


#44
trans-1,3-Dichloropropene
Concen: 19.179 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51



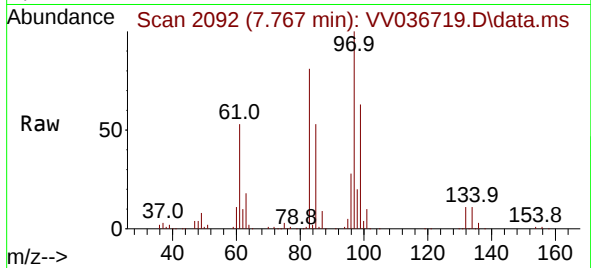
Tgt Ion: 75 Resp: 148131
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0





#45
1,1,2-Trichloroethane
Concen: 22.532 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

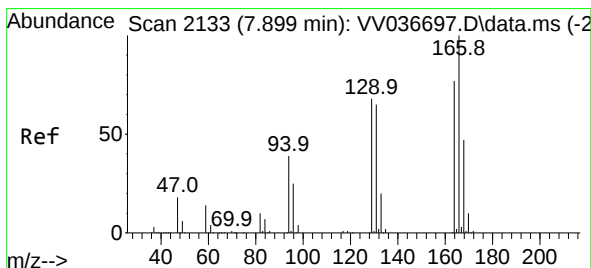
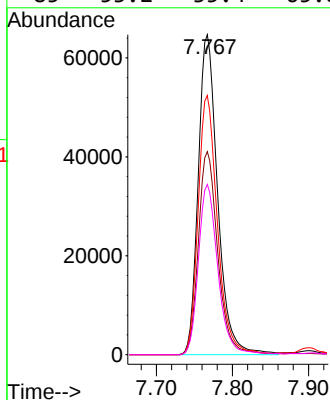
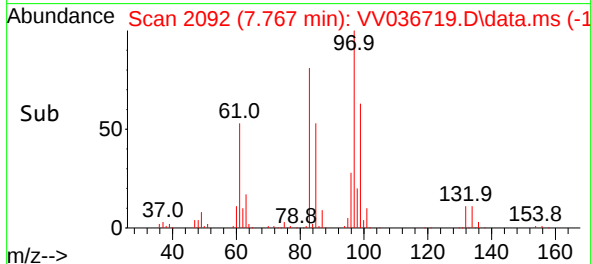
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



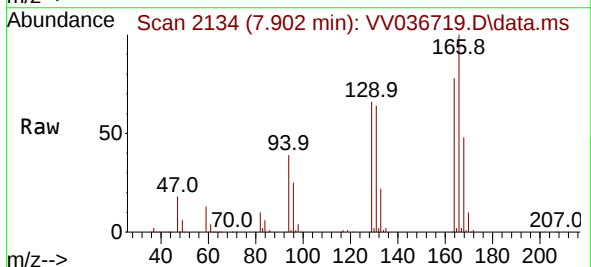
Tgt Ion: 97 Resp: 11510
Ion Ratio Lower Upper
97 100
99 63.5 43.5 80.7
83 81.0 55.4 103.0
85 53.2 35.4 65.8

Manual Integrations
APPROVED

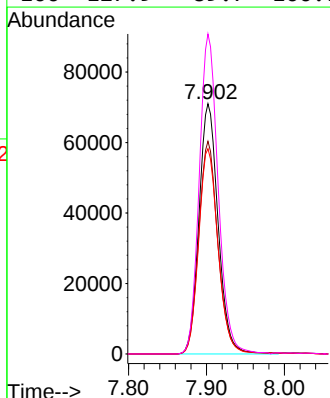
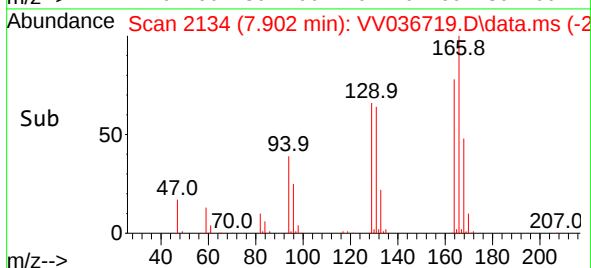
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

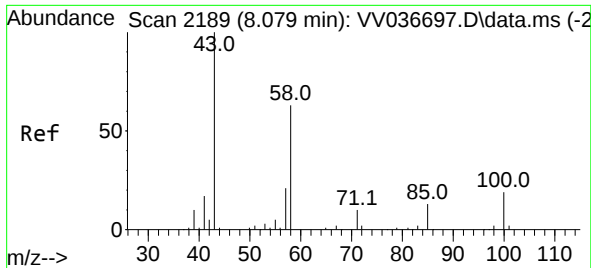


#46
Tetrachloroethene
Concen: 16.411 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51



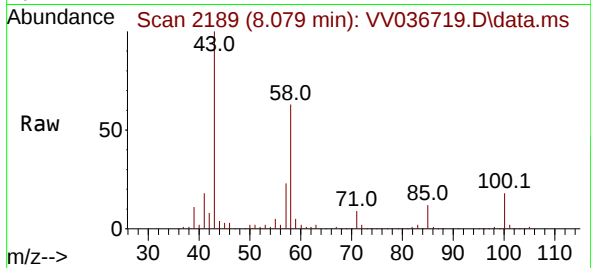
Tgt Ion:164 Resp: 121296
Ion Ratio Lower Upper
164 100
129 85.0 61.0 113.2
131 82.0 60.1 111.5
166 127.9 89.7 166.7





#48
2-Hexanone
Concen: 58.756 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

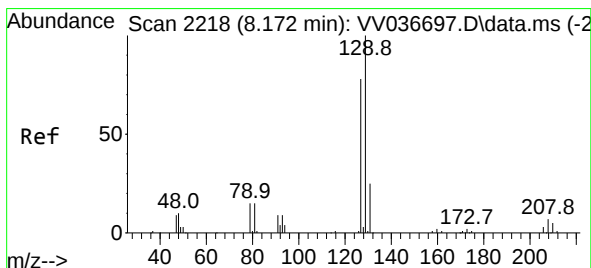
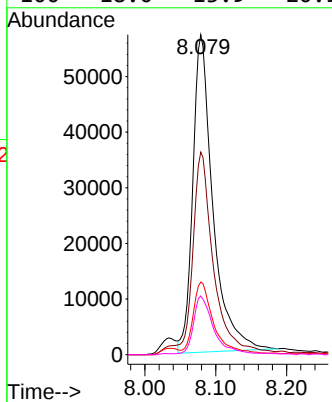
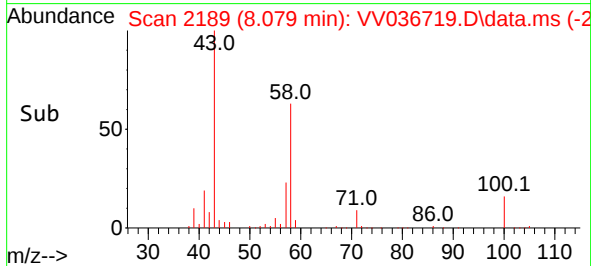
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion: 43 Resp: 112679
Ion Ratio Lower Upper
43 100
58 67.5 50.6 75.8
57 22.6 17.7 26.5
100 18.0 13.9 20.9

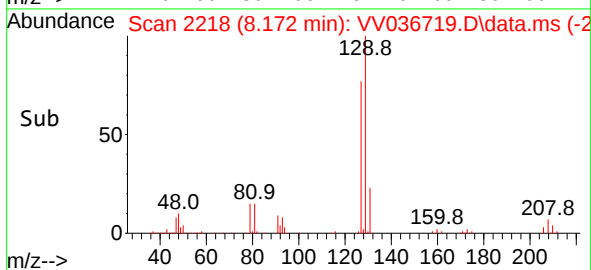
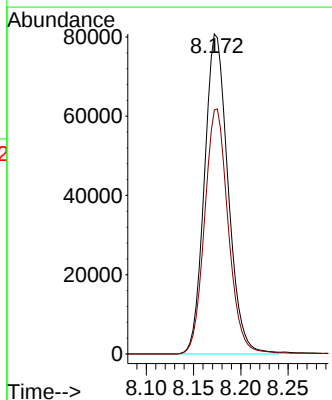
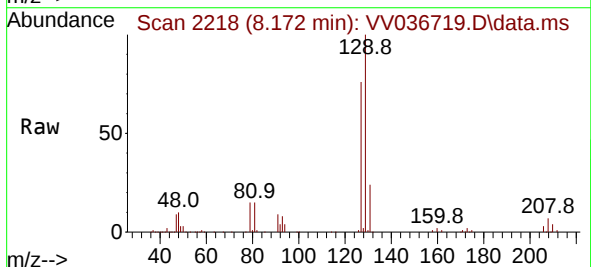
Manual Integrations
APPROVED

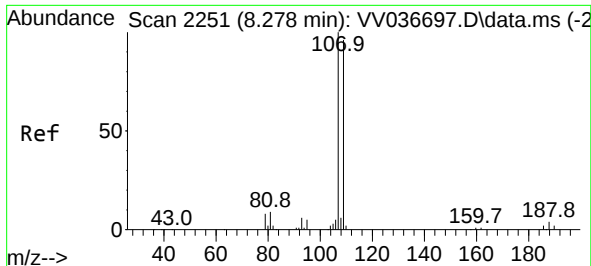
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#49
Dibromochloromethane
Concen: 21.840 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

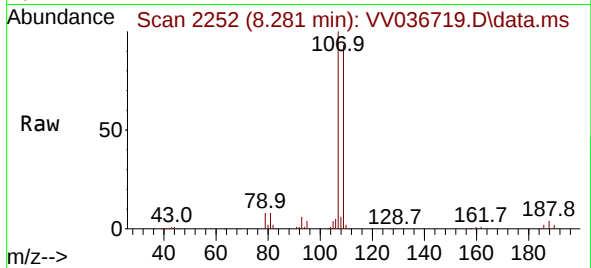
Tgt Ion:129 Resp: 140564
Ion Ratio Lower Upper
129 100
127 76.3 54.3 100.9





#50
1,2-Dibromoethane
Concen: 23.432 ug/L
RT: 8.281 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

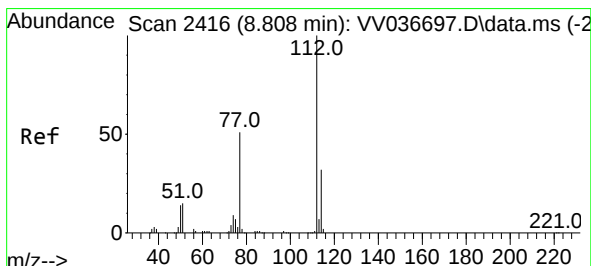
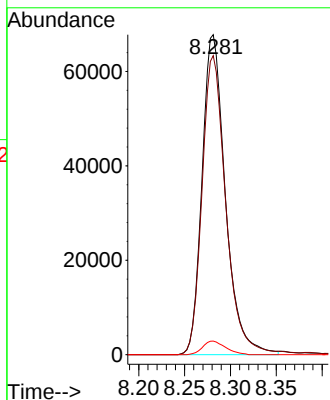
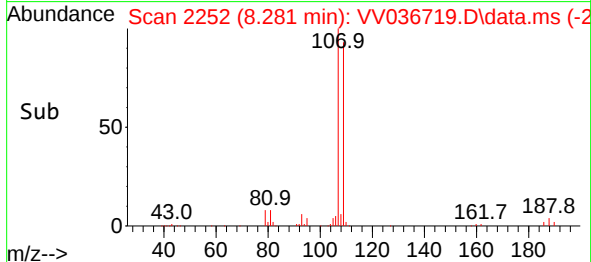
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion:107 Resp: 120262
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 4.2 3.4 5.2

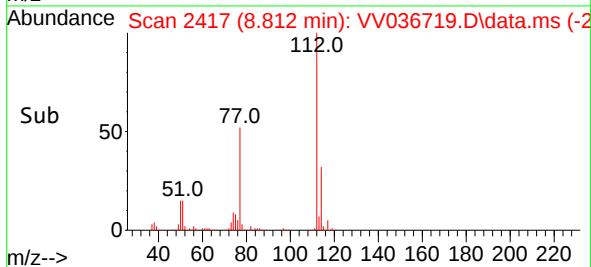
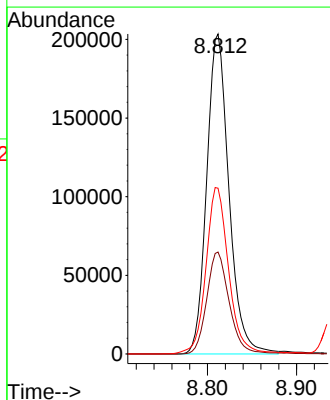
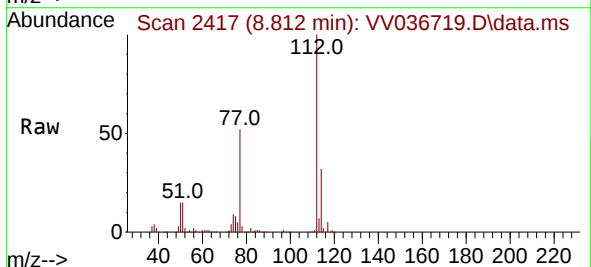
Manual Integrations
APPROVED

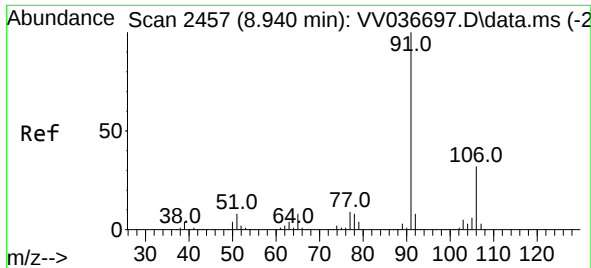
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#51
Chlorobenzene
Concen: 19.302 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:112 Resp: 352304
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 51.8 41.9 62.9





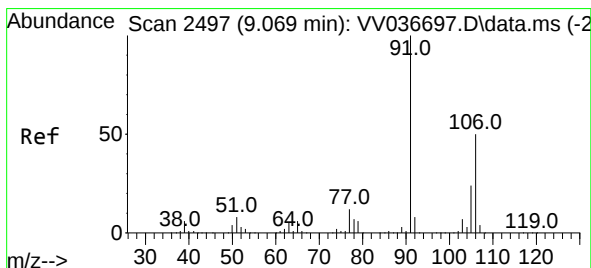
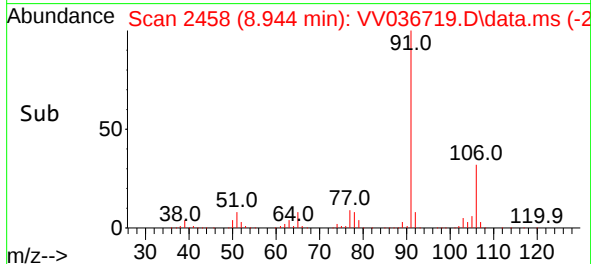
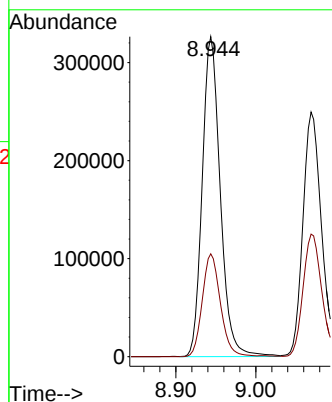
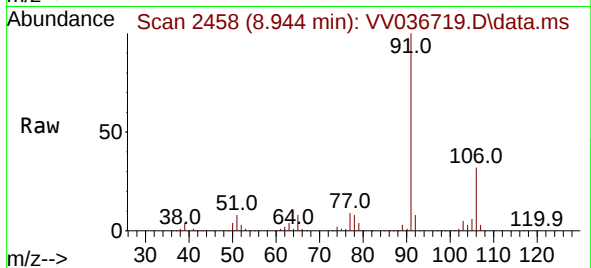
#52
Ethylbenzene
Concen: 18.493 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion: 91 Resp: 512790
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.7

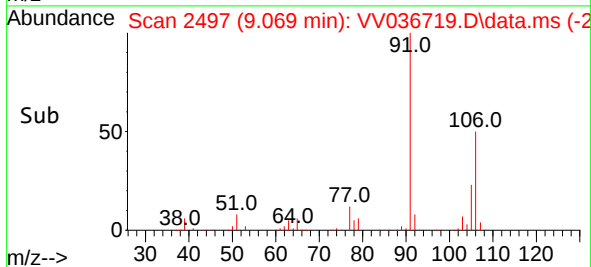
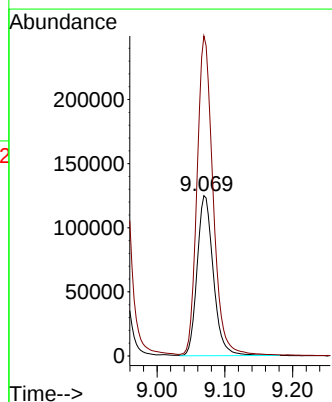
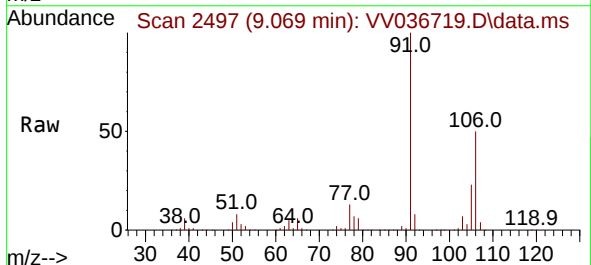
Manual Integrations
APPROVED

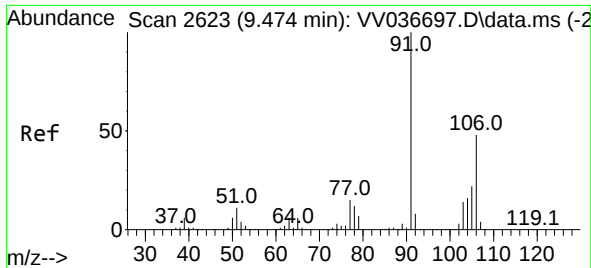
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#53
m,p-Xylene
Concen: 19.133 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:106 Resp: 207135
Ion Ratio Lower Upper
106 100
91 199.6 136.8 254.0





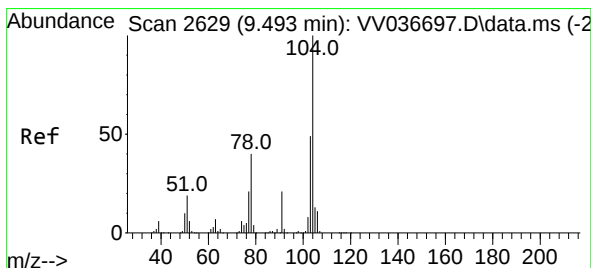
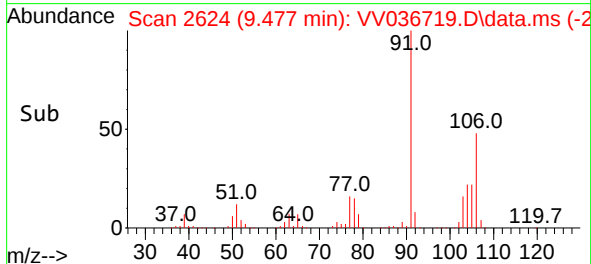
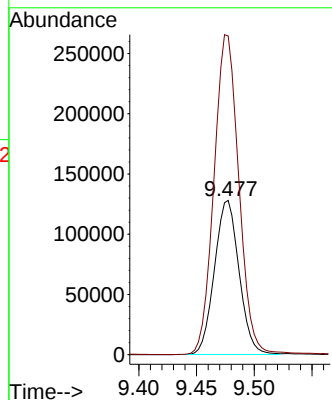
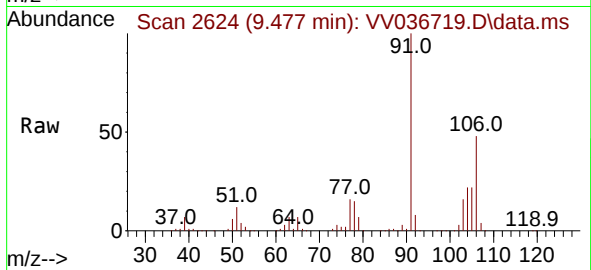
#54
o-Xylene
Concen: 18.246 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion:106 Resp: 189794
Ion Ratio Lower Upper
106 100
91 206.7 146.1 271.3

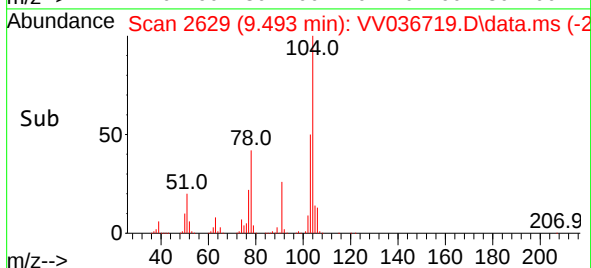
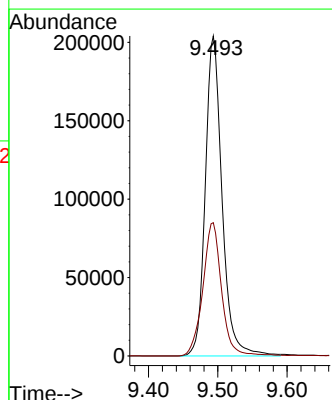
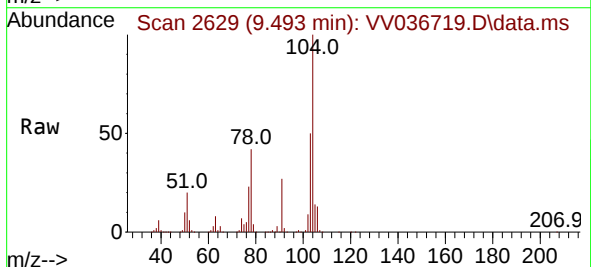
Manual Integrations
APPROVED

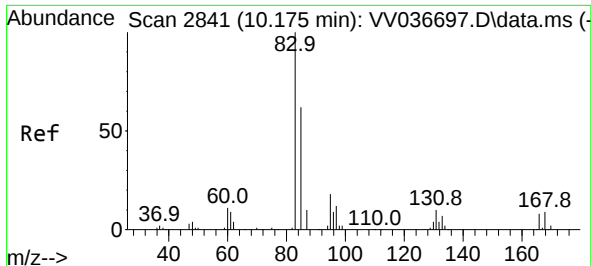
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#55
Styrene
Concen: 19.419 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:104 Resp: 342507
Ion Ratio Lower Upper
104 100
78 41.6 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.610 ug/L

RT: 10.204 min Scan# 2841

Delta R.T. 0.029 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

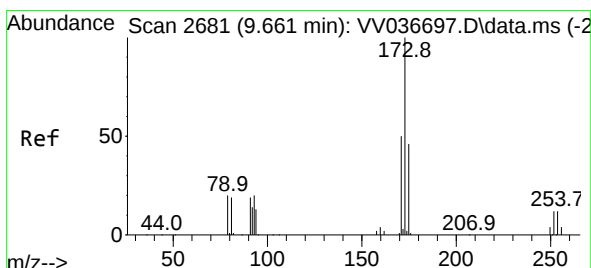
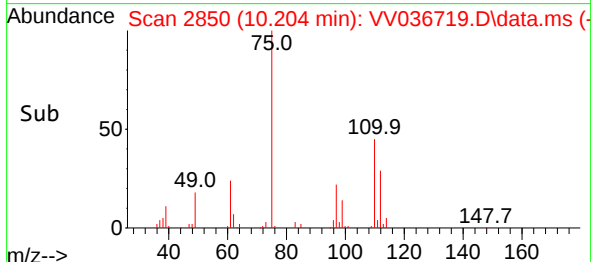
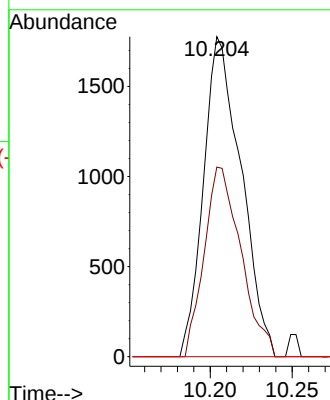
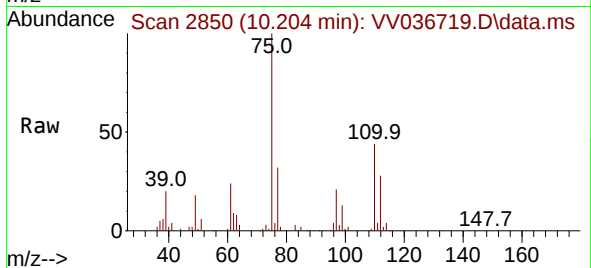
Tgt Ion:	83	Resp:	2824
Ion Ratio	Lower	Upper	
83	100		
85	59.2	44.9	83.3
131	0.0	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#59

Bromoform

Concen: 30.959 ug/L

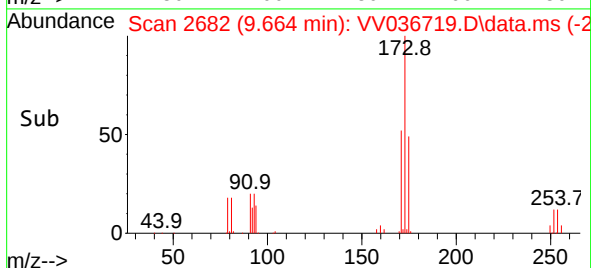
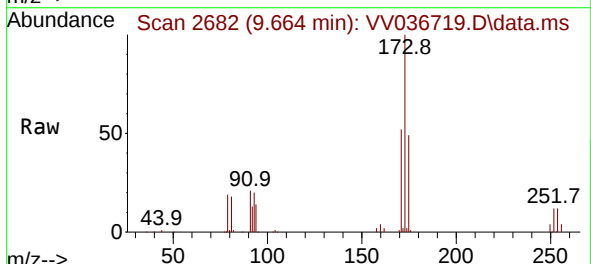
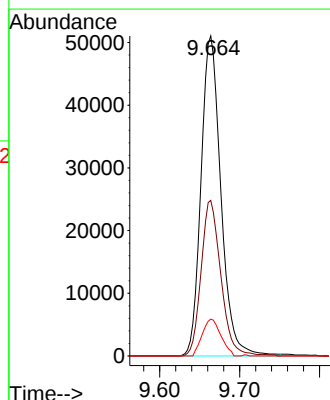
RT: 9.664 min Scan# 2682

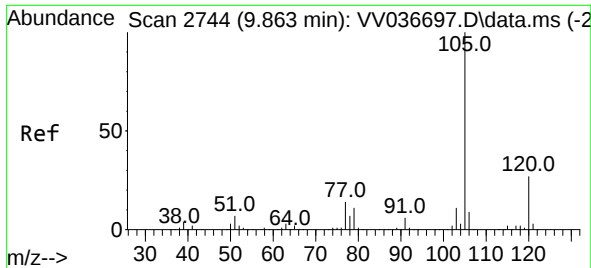
Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

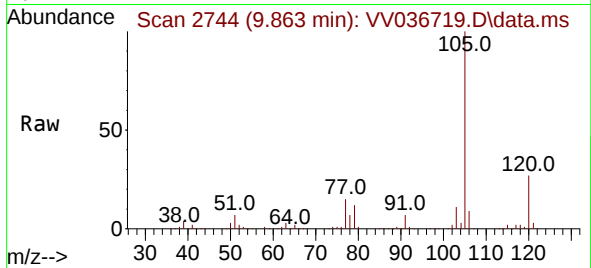
Tgt Ion:	173	Resp:	88465
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.6	59.4
254	10.8	8.2	12.4





#60
Isopropylbenzene
Concen: 24.387 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

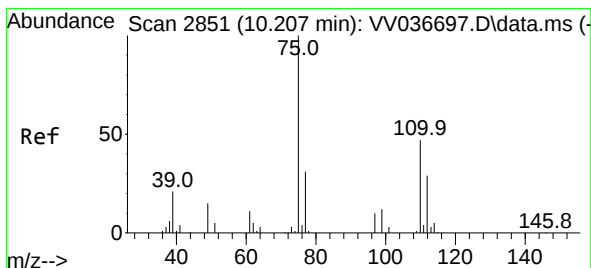
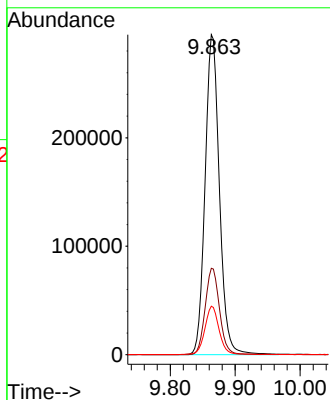
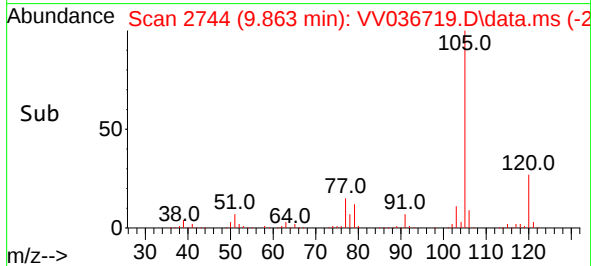
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



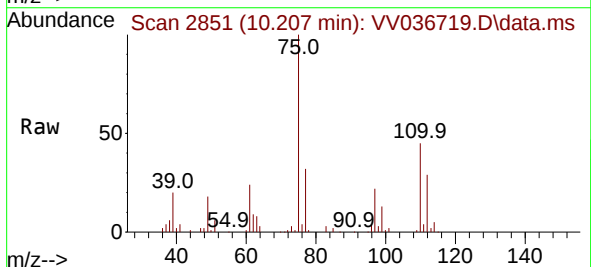
Tgt Ion:105 Resp: 452800
Ion Ratio Lower Upper
105 100
120 27.1 22.1 33.1
77 14.9 11.8 17.6

Manual Integrations
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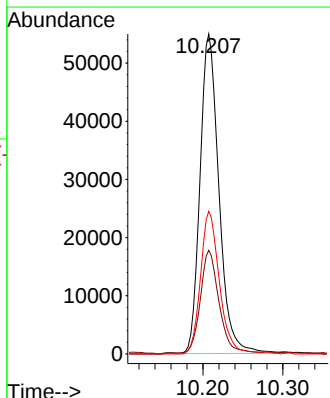
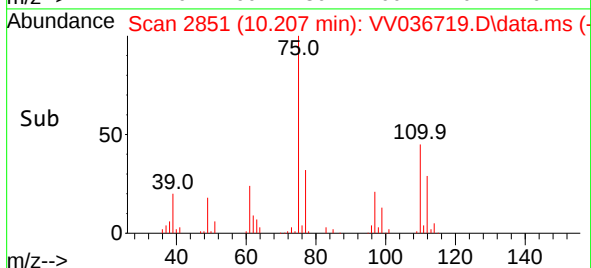
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

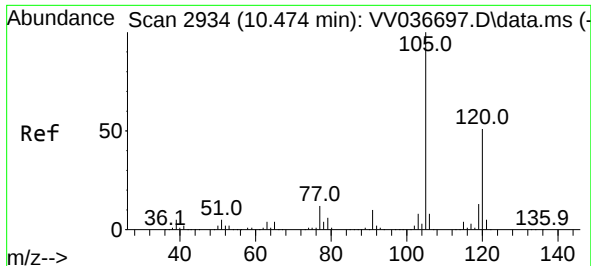


#61
1,2,3-Trichloropropane
Concen: 33.818 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51



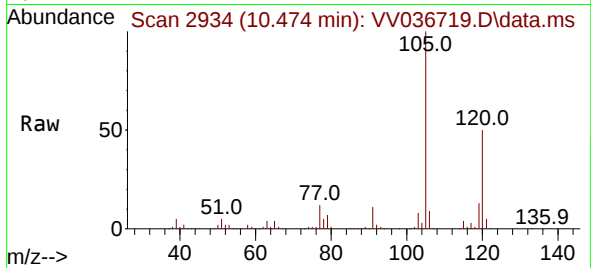
Tgt Ion: 75 Resp: 90456
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 44.5 36.2 54.4





#62
1,3,5-Trimethylbenzene
Concen: 20.597 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

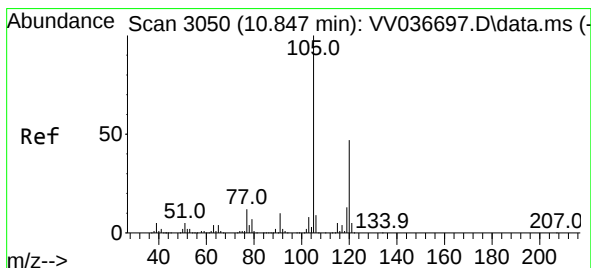
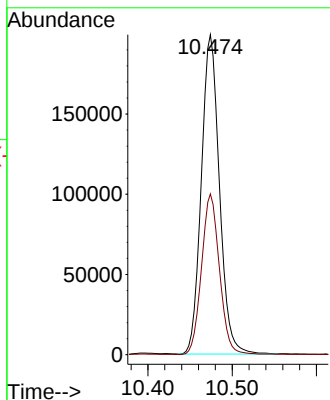
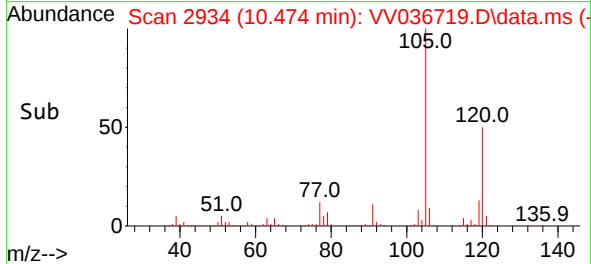
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



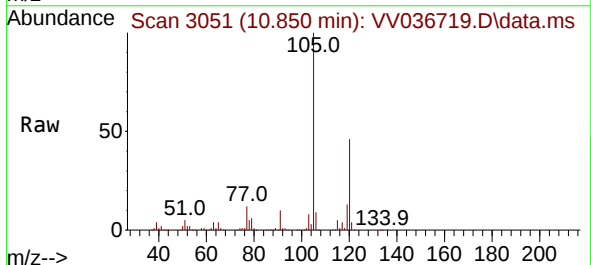
Tgt Ion:105 Resp: 298300
Ion Ratio Lower Upper
105 100
120 49.6 39.8 59.8

Manual Integrations
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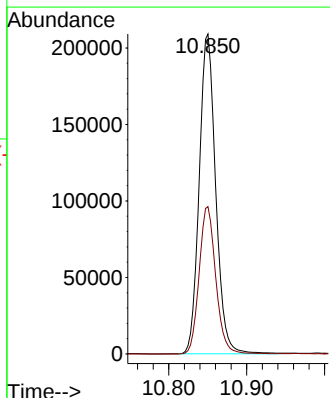
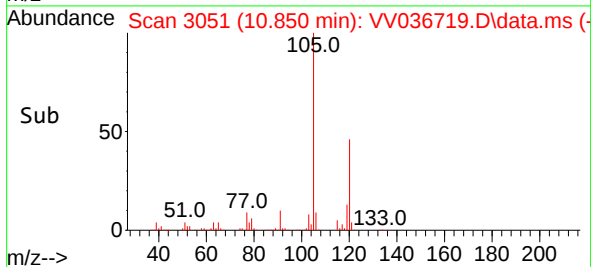
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

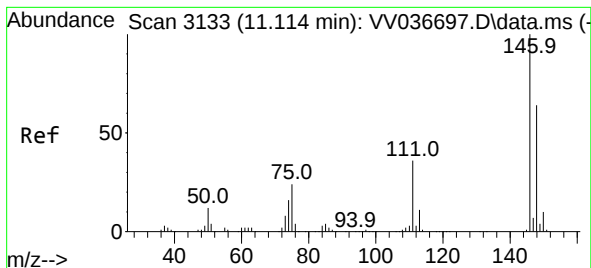


#63
1,2,4-Trimethylbenzene
Concen: 20.951 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51



Tgt Ion:105 Resp: 307153
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 19.749 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

Tgt Ion:146 Resp: 20498

Ion Ratio Lower Upper

146 100

111 36.8 25.5 47.3

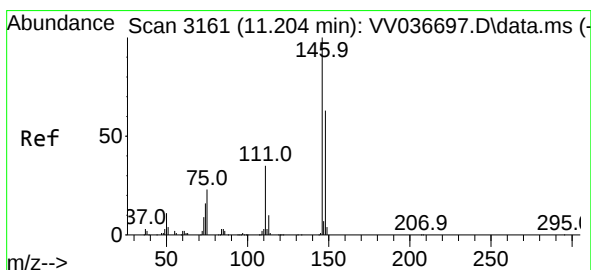
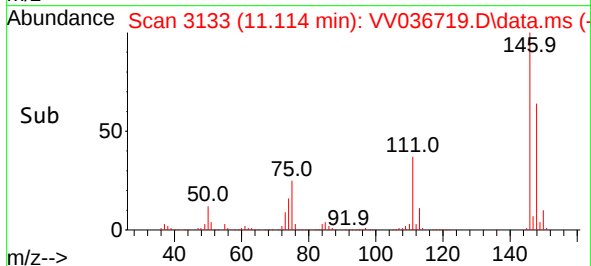
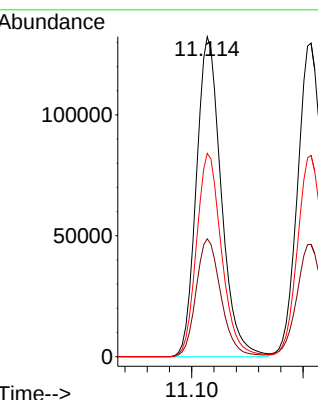
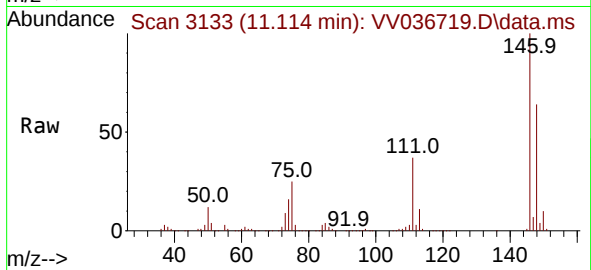
148 63.6 44.6 82.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#65

1,4-Dichlorobenzene

Concen: 19.738 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

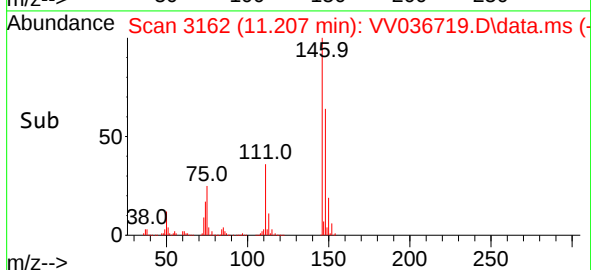
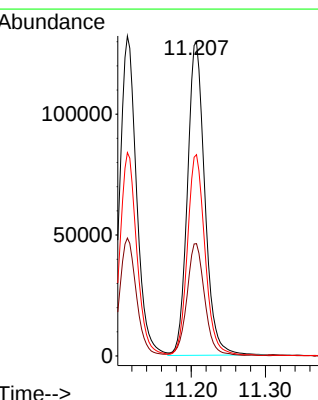
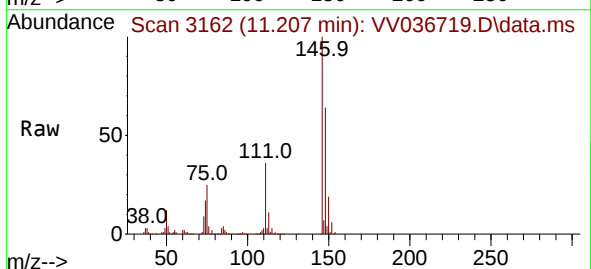
Tgt Ion:146 Resp: 210978

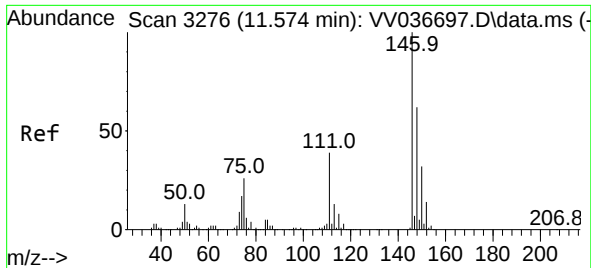
Ion Ratio Lower Upper

146 100

111 35.8 24.9 46.3

148 64.2 44.5 82.7





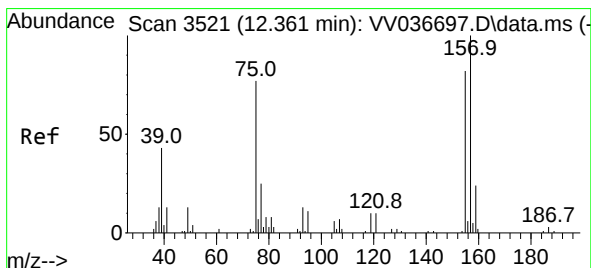
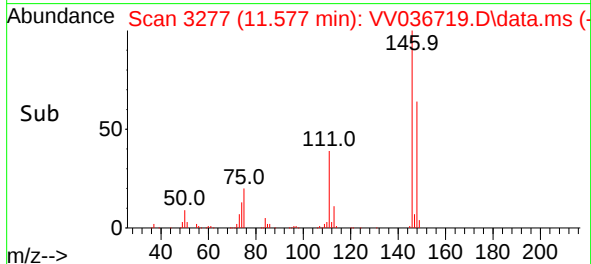
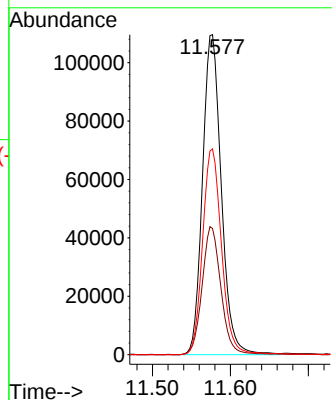
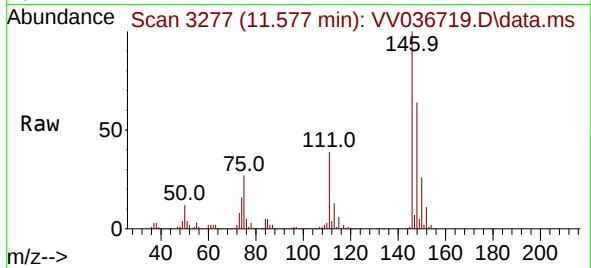
#67
1,2-Dichlorobenzene
Concen: 19.045 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :
E20J7MS

Tgt Ion:146 Resp: 183804
Ion Ratio Lower Upper
146 100
111 39.4 31.3 46.9
148 64.3 51.0 76.4

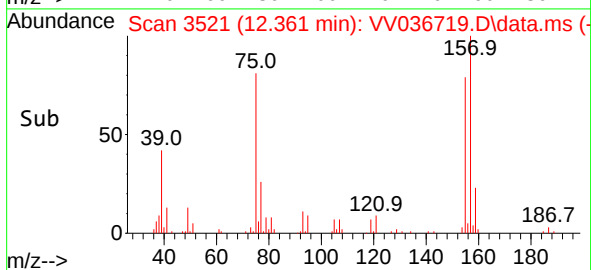
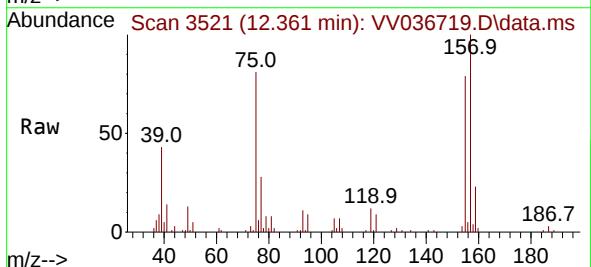
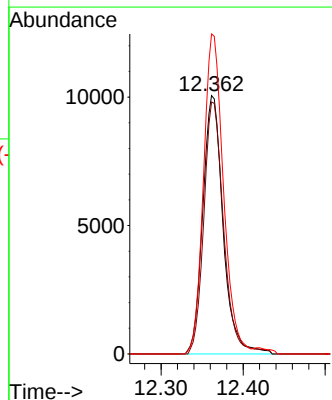
Manual Integrations
APPROVED

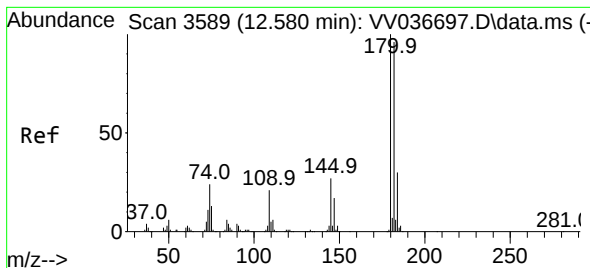
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 27.427 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion: 75 Resp: 17276
Ion Ratio Lower Upper
75 100
155 97.5 79.5 119.3
157 123.8 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 9.926 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

E20J7MS

Tgt Ion:180 Resp: 8127

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 31.6 24.6 36.8

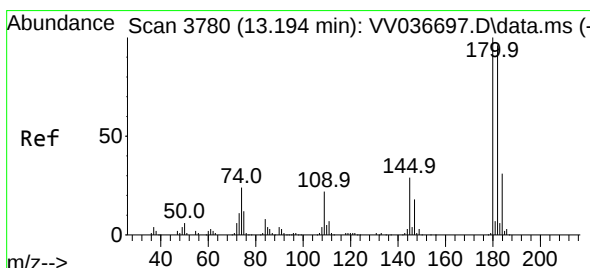
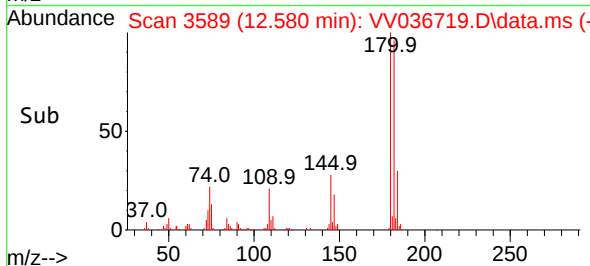
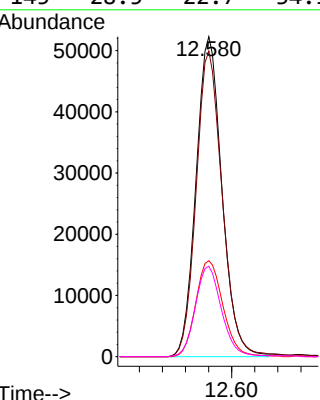
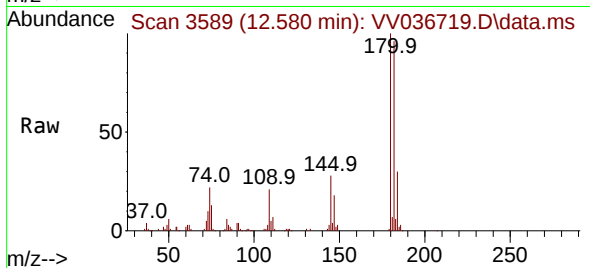
145 28.5 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#70

1,2,4-trichlorobenzene

Concen: 8.425 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036719.D

Acq: 25 Jul 2024 19:51

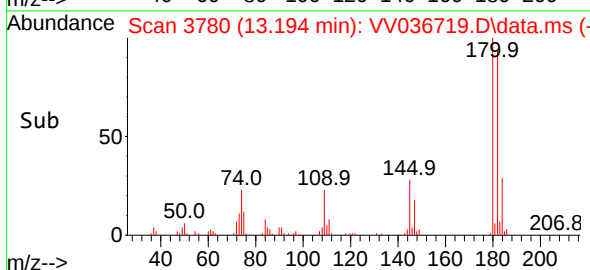
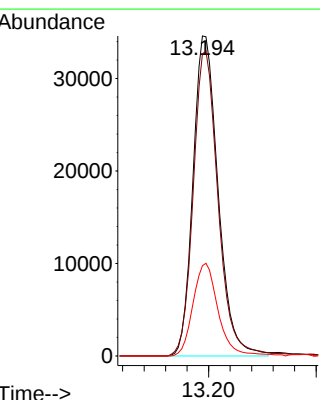
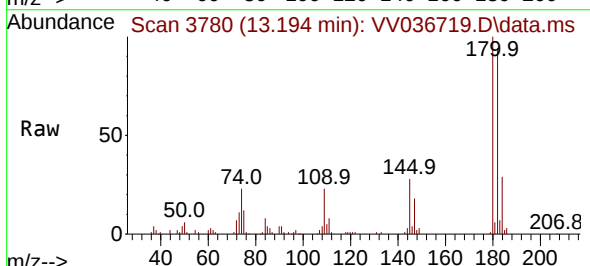
Tgt Ion:180 Resp: 56035

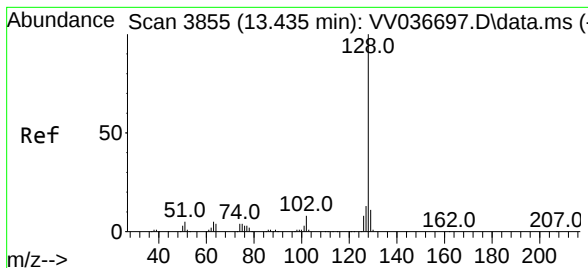
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

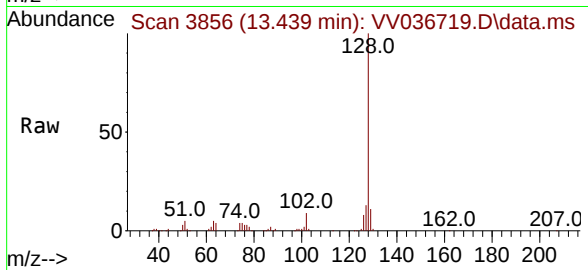
145 29.0 23.0 34.6





#71
Naphthalene
Concen: 11.884 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

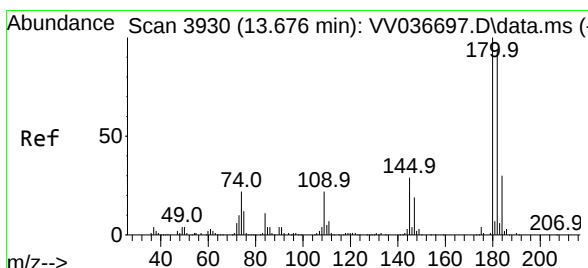
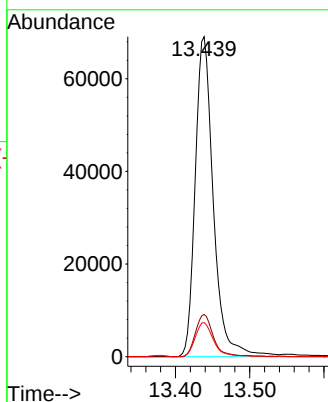
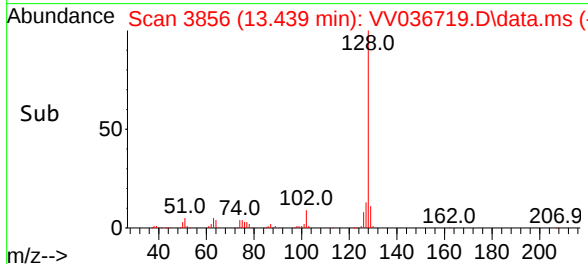
Instrument :
MSVOA_V
ClientSampleId :
E20J7MS



Tgt Ion:128 Resp: 11757
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#72
1,2,3-Trichlorobenzene
Concen: 7.738 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036719.D
Acq: 25 Jul 2024 19:51

Tgt Ion:180 Resp: 46435
Ion Ratio Lower Upper
180 100
182 97.7 75.6 113.4
145 31.4 24.6 37.0

