

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031624.D
 Acq On : 29 Jun 2023 16:33
 Operator : SY/MD
 Sample : 03422-14MSDME
 Misc : 7.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 04:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235215	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	236273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	142837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75795	48.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.840%		
7) Chloroethane-d5	1.532	69	68691	50.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.580%		
11) 1,1-Dichloroethene-d2	2.060	65	38225	47.379	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.760%		
21) 2-Butanone-d5	3.793	46	139745	110.246	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.250%		
24) Chloroform-d	4.256	84	176970	45.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
26) 1,2-Dichloroethane-d4	4.947	65	110828	45.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	4.966	84	286615	43.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
36) 1,2-Dichloropropane-d6	5.995	67	105526	44.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.540%		
41) Toluene-d8	7.249	98	260814	42.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.480%		
43) trans-1,3-Dichloroprop...	7.558	79	49277	42.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.760%		
47) 2-Hexanone-d5	8.030	63	100325m	107.797	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	171174	48.111	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.220%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111161	40.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	116016	46.501	ug/L	100
3) Chloromethane	1.217	50	124319	52.806	ug/L	100
5) Vinyl chloride	1.285	62	119592	51.244	ug/L	99
6) Bromomethane	1.484	94	72694	47.791	ug/L	96
8) Chloroethane	1.548	64	76522	50.767	ug/L	94
9) Trichlorofluoromethane	1.716	101	185588	47.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	103010	49.508	ug/L	97
12) 1,1-Dichloroethene	2.073	96	86963	49.967	ug/L	94
13) Acetone	2.114	43	113451	90.704	ug/L	96
14) Carbon disulfide	2.243	76	244901	46.519	ug/L	100
15) Methyl Acetate	2.375	43	123221	58.513	ug/L	99
16) Methylene chloride	2.452	84	103217	47.304	ug/L	95
17) trans-1,2-Dichloroethene	2.700	96	84828	46.693	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	308689	50.923	ug/L	99
19) 1,1-Dichloroethane	3.117	63	199051	50.766	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	96859	49.335	ug/L	97
22) 2-Butanone	3.873	43	158423	101.388	ug/L	98
23) Bromochloromethane	4.153	128	52402	49.377	ug/L	93
25) Chloroform	4.281	83	197735	48.512	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031624.D
 Acq On : 29 Jun 2023 16:33
 Operator : SY/MD
 Sample : 03422-14MSDME
 Misc : 7.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MSD

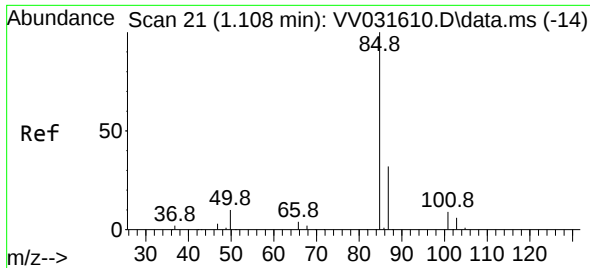
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 04:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	163335	51.922	ug/L	99
29) Cyclohexane	4.590	56	146717	47.729	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	177172	46.770	ug/L	98
31) Carbon tetrachloride	4.741	117	152353	45.391	ug/L	98
33) Benzene	5.018	78	386492	49.132	ug/L	100
34) Trichloroethene	5.838	95	99458	47.315	ug/L	99
35) Methylcyclohexane	6.056	83	141030	45.534	ug/L	97
37) 1,2-Dichloropropane	6.098	63	113397	49.091	ug/L	100
38) Bromodichloromethane	6.439	83	150808	48.301	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	172864	50.414	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	326494	120.373	ug/L	97
42) Toluene	7.320	91	409668	50.228	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	170823	51.157	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108811	49.865	ug/L	100
46) Tetrachloroethene	7.912	164	73408	44.495	ug/L	98
48) 2-Hexanone	8.082	43	250065	115.437	ug/L	95
49) Dibromochloromethane	8.182	129	116109	47.876	ug/L	100
50) 1,2-Dibromoethane	8.288	107	115450	49.689	ug/L	99
51) Chlorobenzene	8.818	112	257367	47.644	ug/L	99
52) Ethylbenzene	8.953	91	440745	48.429	ug/L	100
53) m,p-Xylene	9.079	106	160948	48.291	ug/L	95
54) o-Xylene	9.484	106	154129	48.732	ug/L	99
55) Styrene	9.500	104	291942	51.684	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	186402	52.281	ug/L	97
59) Bromoform	9.670	173	89852	50.748	ug/L #	99
60) Isopropylbenzene	9.873	105	432075	47.448	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	144669	51.279	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	347839	46.217	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	328134	46.792	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213385	46.739	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	222147	45.663	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	213707	46.379	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	43969	52.510	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	157508	45.277	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	141959	46.556	ug/L	99
71) Naphthalene	13.445	128	424394	54.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	156283	49.321	ug/L	97

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



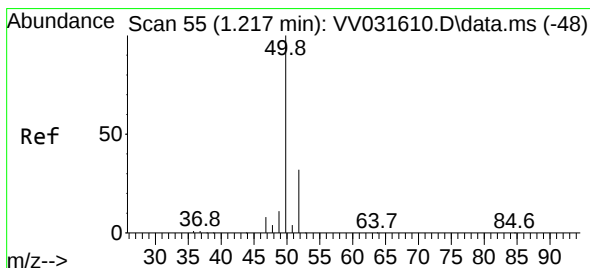
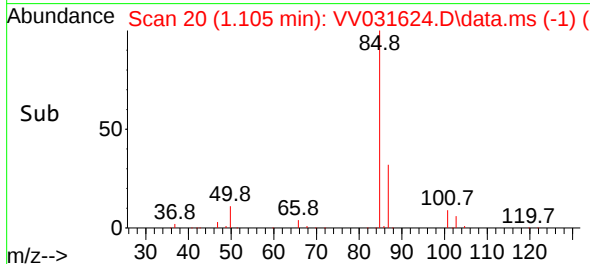
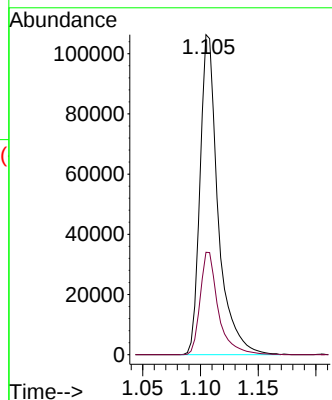
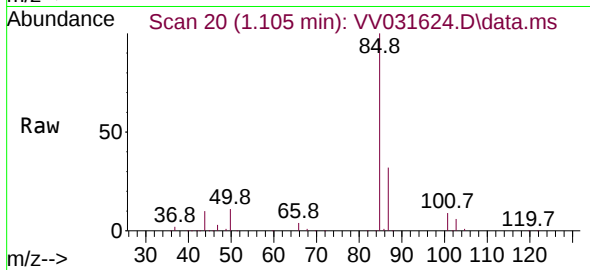
#2
Dichlorodifluoromethane
Concen: 46.501 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 85 Resp: 116010
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3

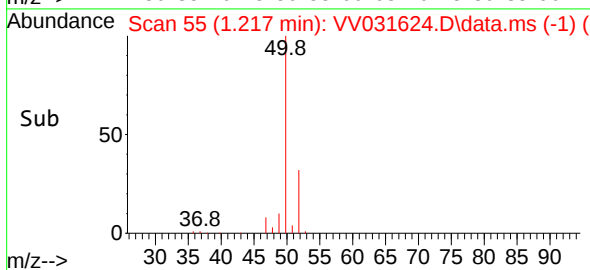
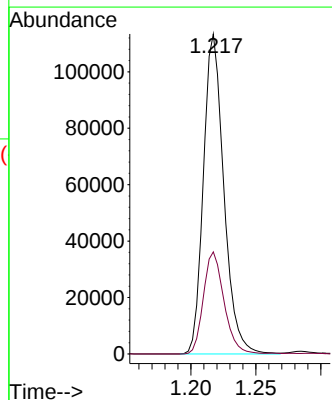
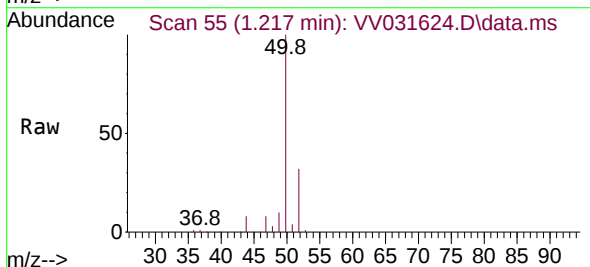
Manual Integrations
APPROVED

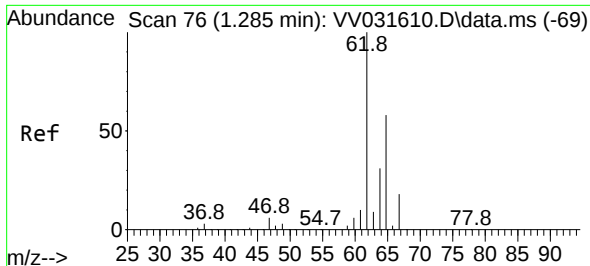
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#3
Chloromethane
Concen: 52.806 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

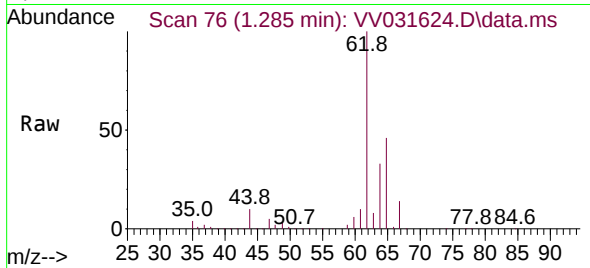
Tgt Ion: 50 Resp: 124319
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5





#5
 Vinyl chloride
 Concen: 51.244 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

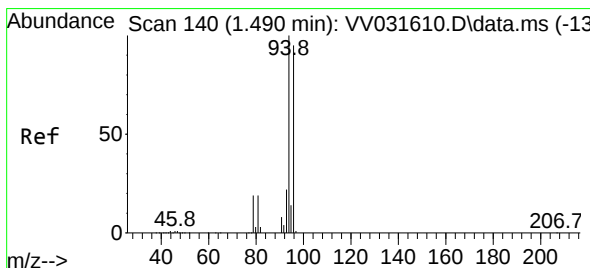
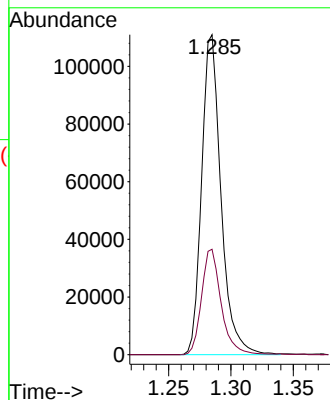
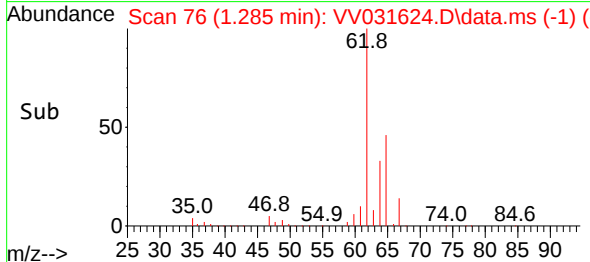
Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MSD



Tgt Ion: 62 Resp: 119592
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4

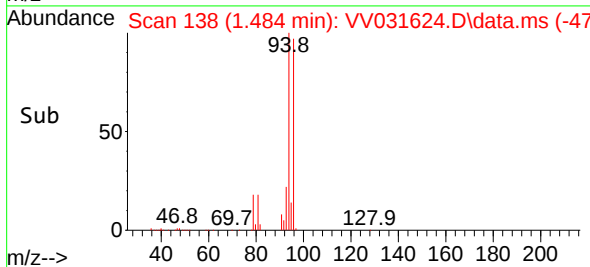
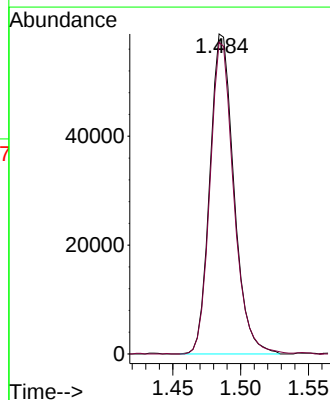
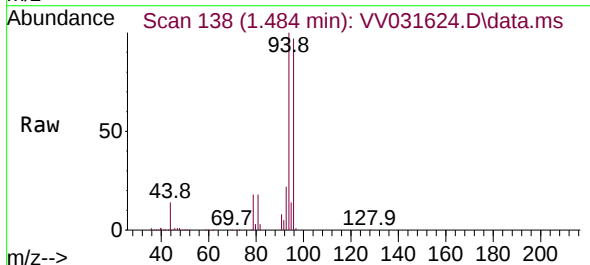
Manual Integrations
 APPROVED

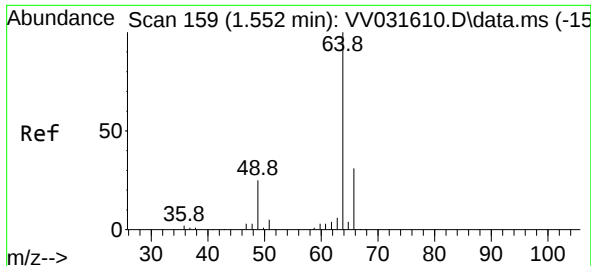
Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023



#6
 Bromomethane
 Concen: 47.791 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

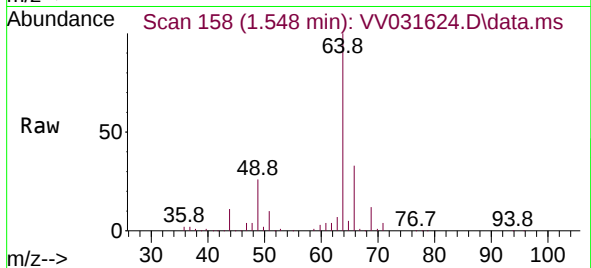
Tgt Ion: 94 Resp: 72694
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.4 121.4





#8
Chloroethane
Concen: 50.767 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

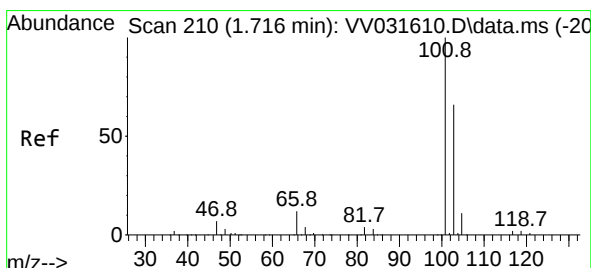
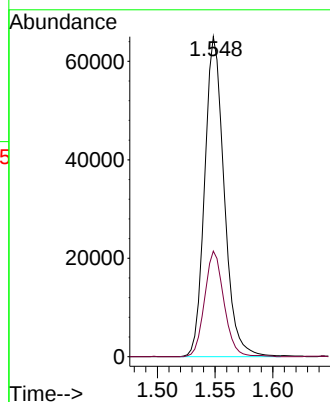
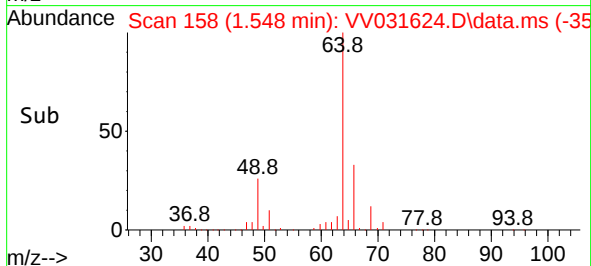
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion: 64 Resp: 7652
Ion Ratio Lower Upper
64 100
66 33.0 21.0 39.0

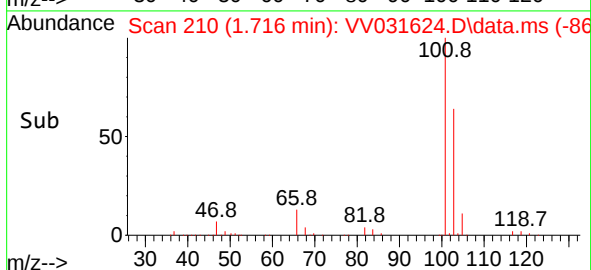
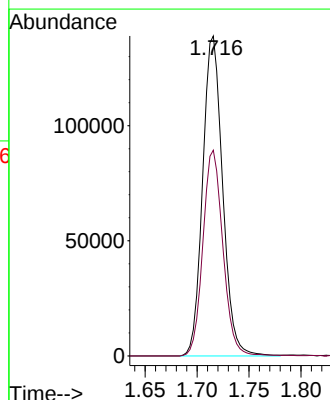
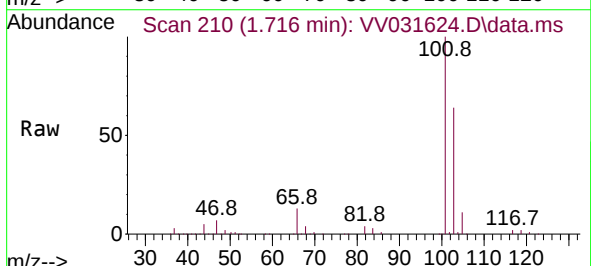
Manual Integrations
APPROVED

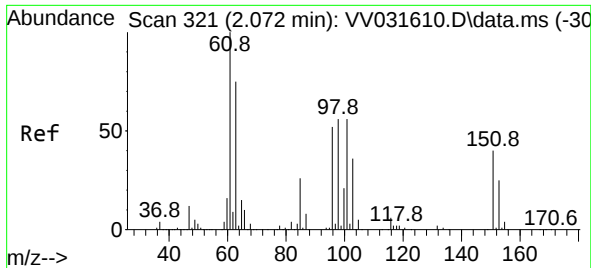
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#9
Trichlorofluoromethane
Concen: 47.800 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:101 Resp: 185588
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3





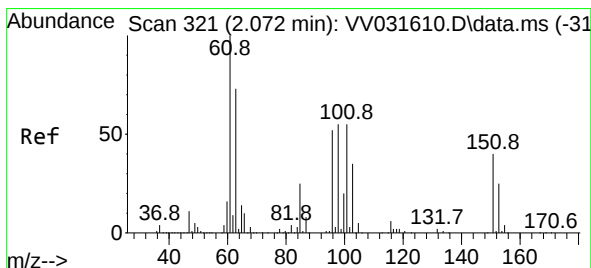
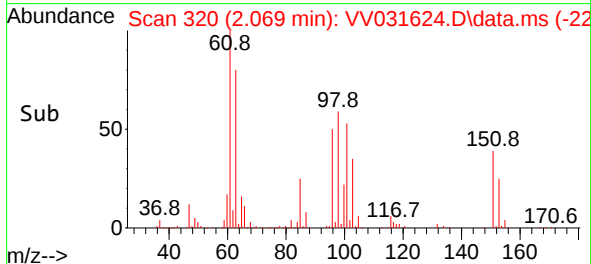
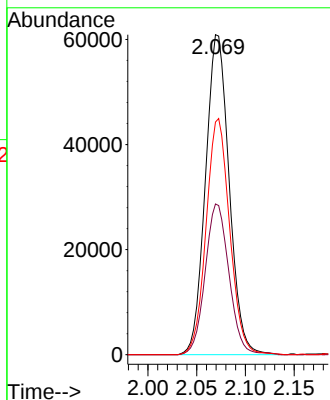
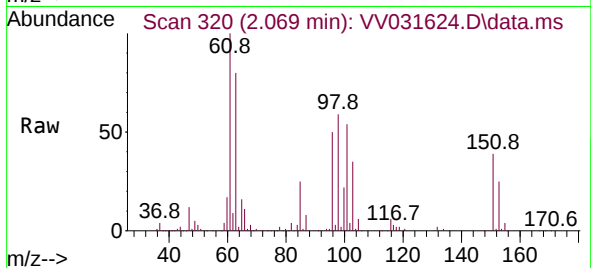
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.508 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion:101 Resp: 103010
Ion Ratio Lower Upper
101 100
85 47.0 37.4 56.0
151 73.5 62.3 93.5

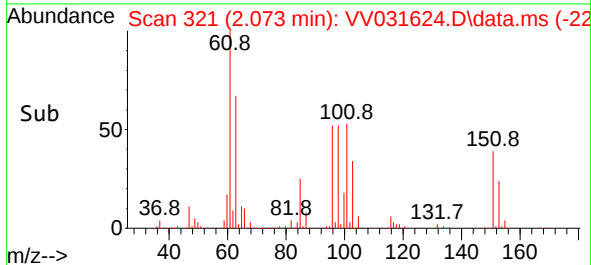
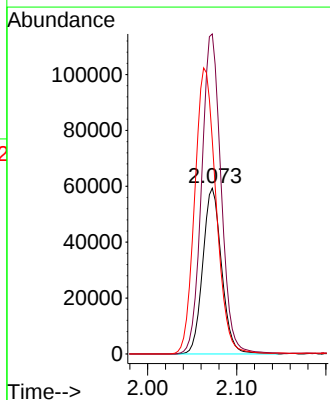
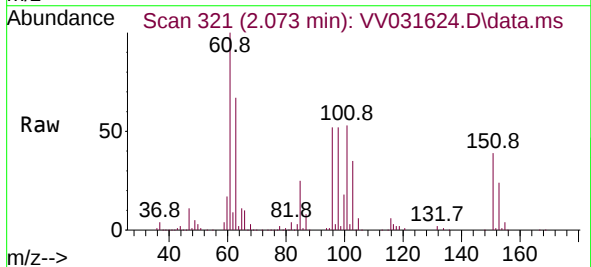
Manual Integrations
APPROVED

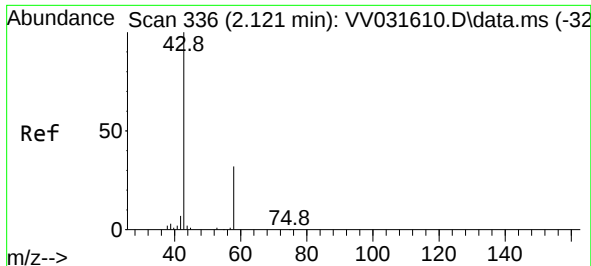
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#12
1,1-Dichloroethene
Concen: 49.967 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 96 Resp: 86963
Ion Ratio Lower Upper
96 100
61 193.1 128.9 239.5
63 129.1 95.3 177.1





#13

Acetone

Concen: 90.704 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion: 43 Resp: 11345

Ion Ratio Lower Upper

43 100

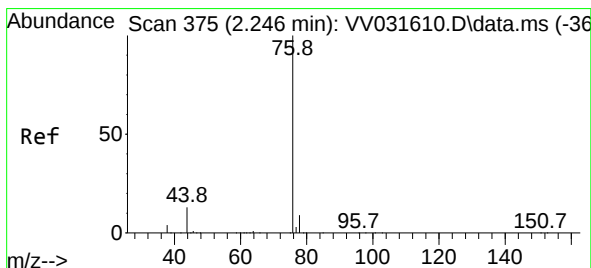
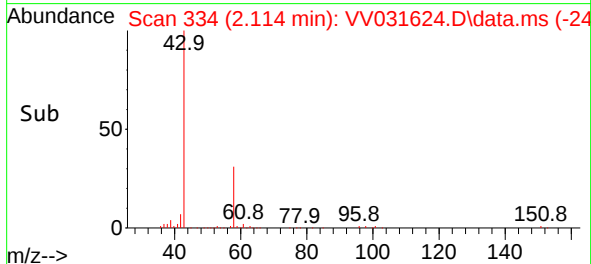
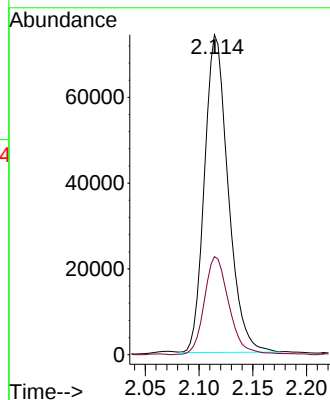
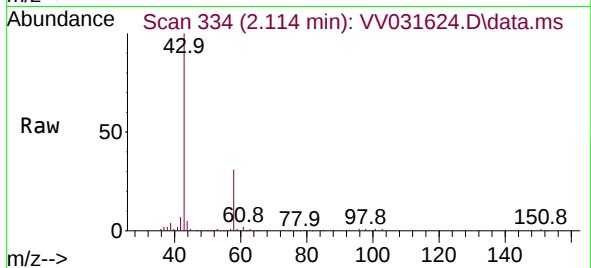
58 32.1 0.0 68.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#14

Carbon disulfide

Concen: 46.519 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031624.D

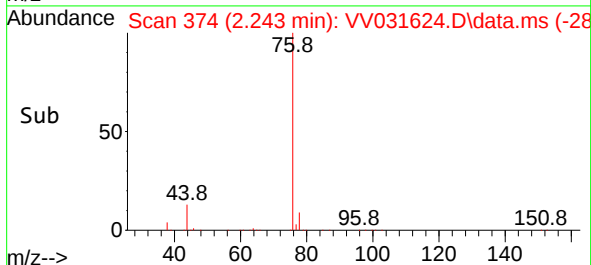
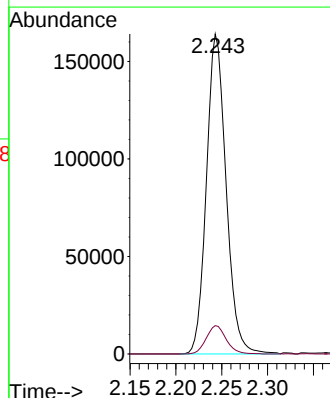
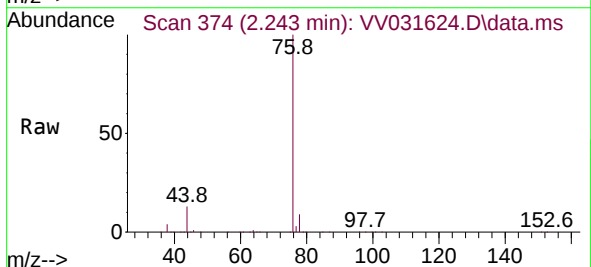
Acq: 29 Jun 2023 16:33

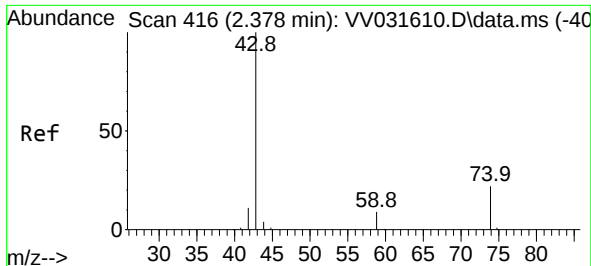
Tgt Ion: 76 Resp: 244901

Ion Ratio Lower Upper

76 100

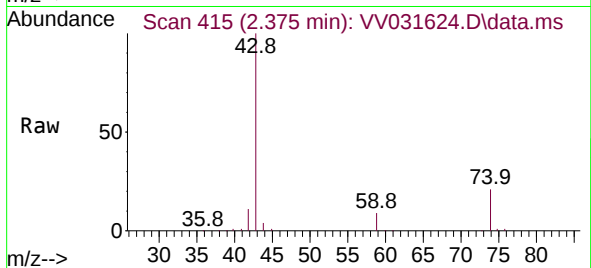
78 8.9 7.1 10.7





#15
Methyl Acetate
Concen: 58.513 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

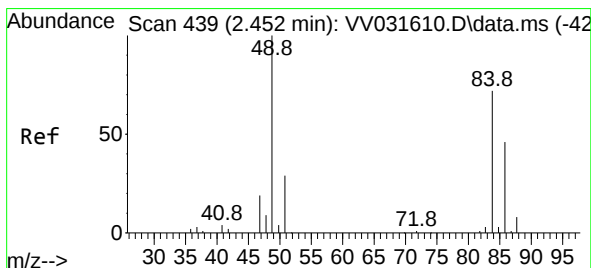
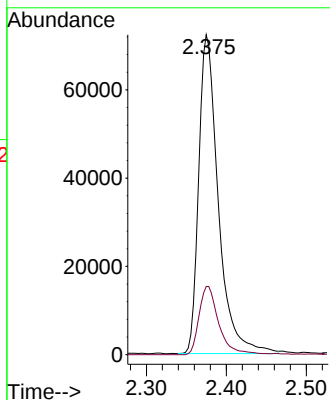
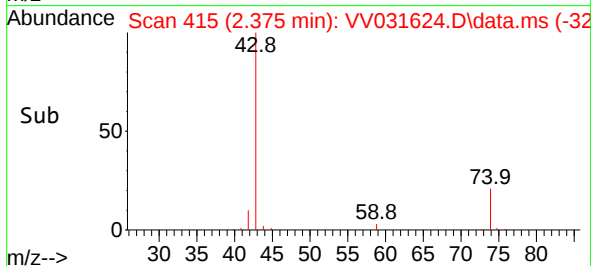
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion: 43 Resp: 12322
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6

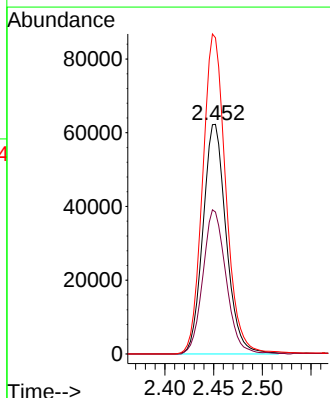
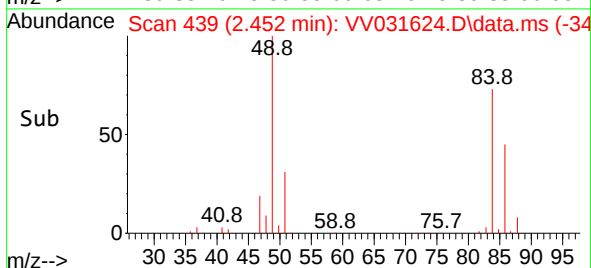
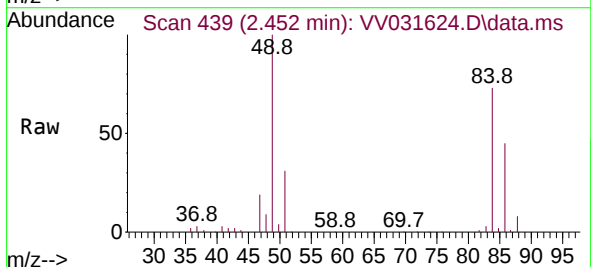
Manual Integrations
APPROVED

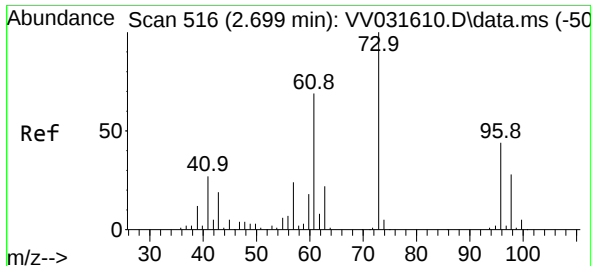
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#16
Methylene chloride
Concen: 47.304 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

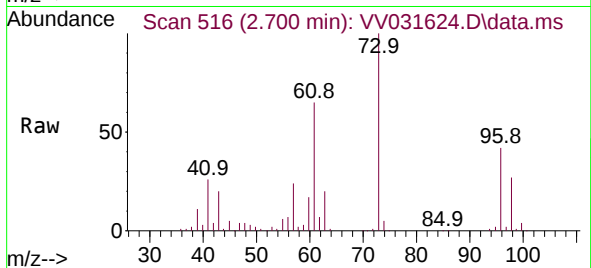
Tgt Ion: 84 Resp: 103217
Ion Ratio Lower Upper
84 100
86 62.7 45.8 85.0
49 137.7 92.1 171.1





#17
trans-1,2-Dichloroethene
Concen: 46.693 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

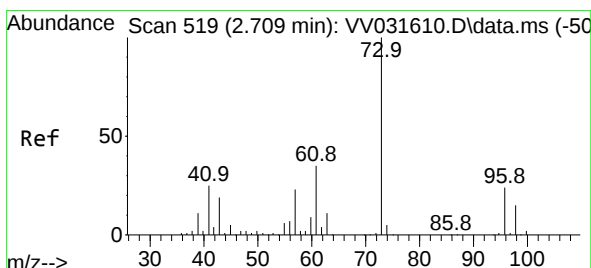
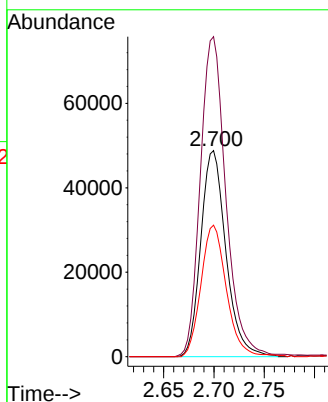
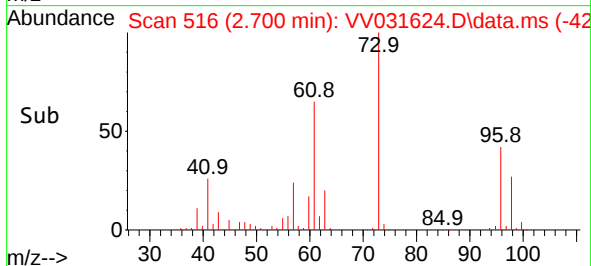
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion: 96 Resp: 84828
Ion Ratio Lower Upper
96 100
61 155.3 102.5 190.3
98 66.1 44.1 81.9

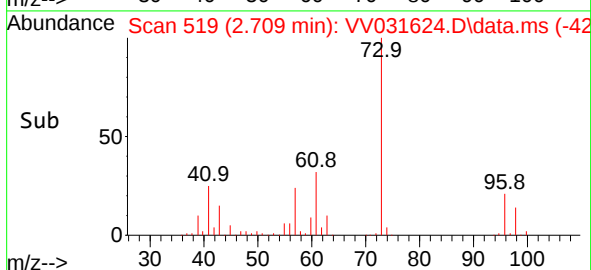
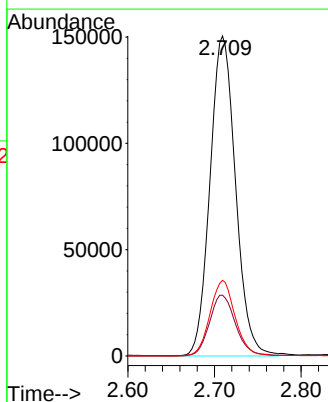
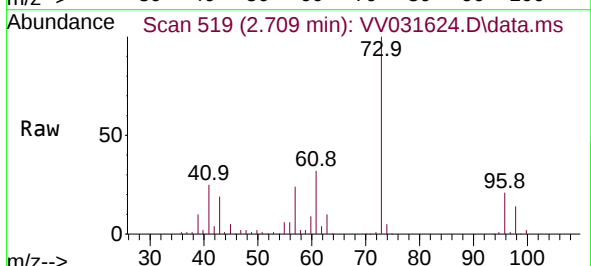
Manual Integrations
APPROVED

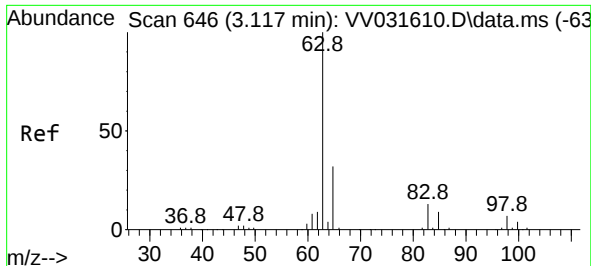
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#18
Methyl tert-butyl Ether
Concen: 50.923 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 73 Resp: 308689
Ion Ratio Lower Upper
73 100
43 19.1 15.0 22.4
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 50.766 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion: 63 Resp: 19905

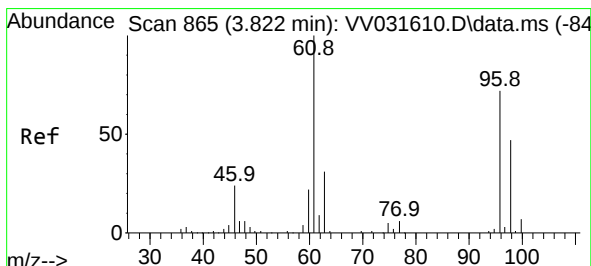
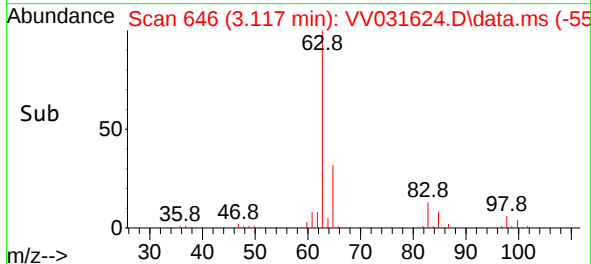
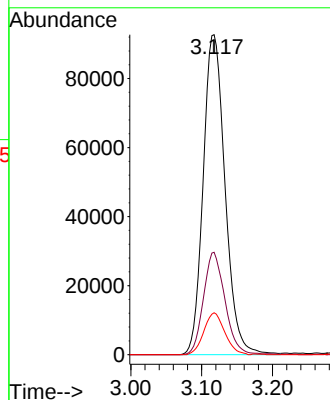
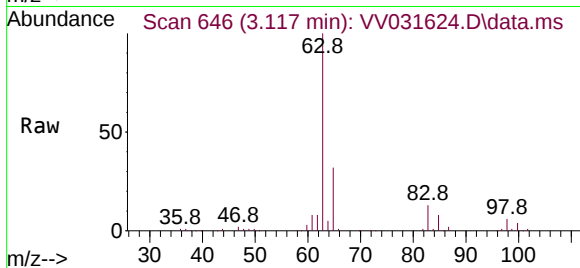
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.5	41.7
83	13.1	10.0	18.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#20

cis-1,2-Dichloroethene

Concen: 49.335 ug/L

RT: 3.822 min Scan# 865

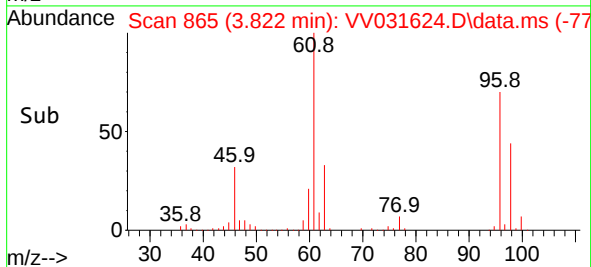
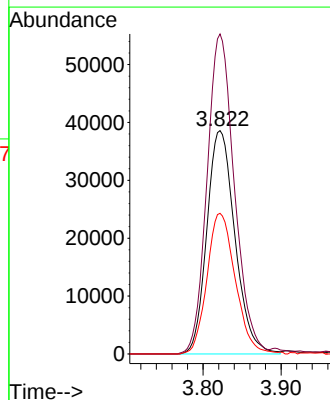
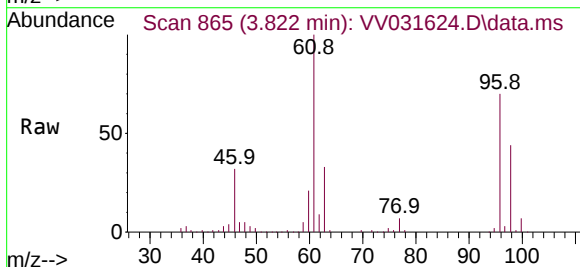
Delta R.T. 0.000 min

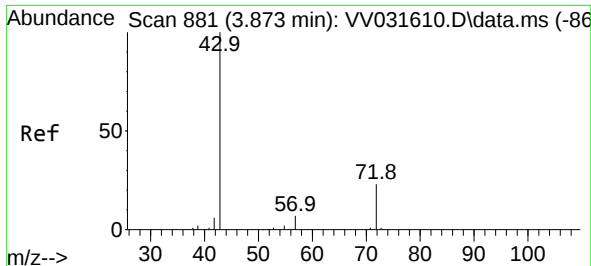
Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Tgt Ion: 96 Resp: 96859

Ion	Ratio	Lower	Upper
96	100		
61	138.3	98.6	183.0
98	60.8	45.7	84.9





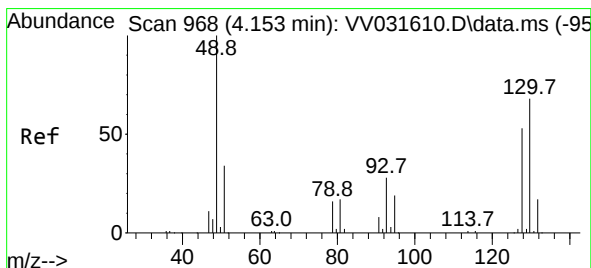
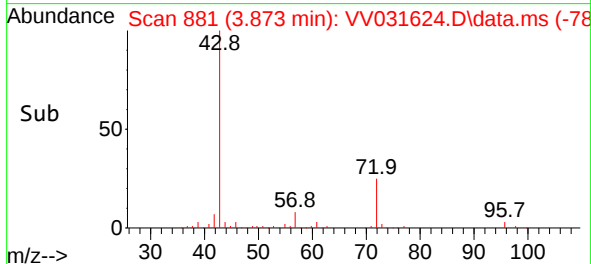
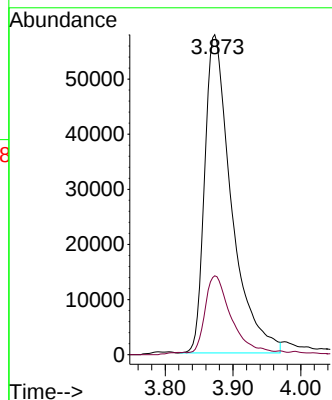
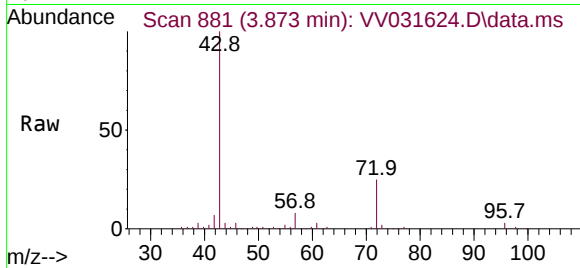
#22
2-Butanone
Concen: 101.388 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 43 Resp: 15842
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.4

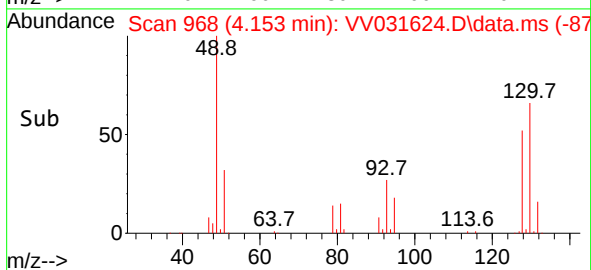
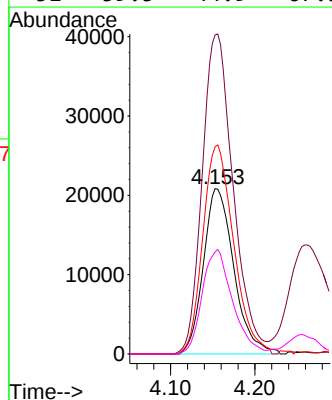
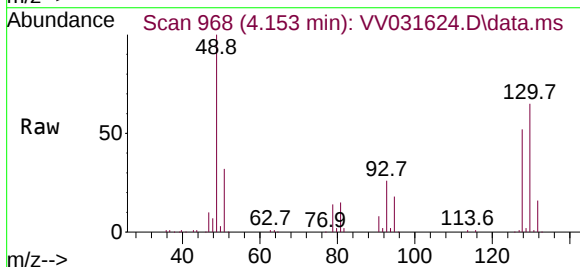
Manual Integrations
APPROVED

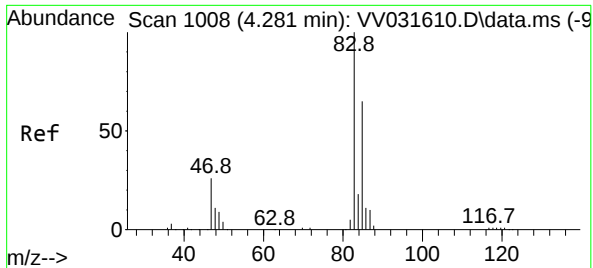
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#23
Bromochloromethane
Concen: 49.377 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:128 Resp: 52402
Ion Ratio Lower Upper
128 100
49 186.1 120.6 224.0
130 123.0 88.1 163.7
51 59.5 44.9 67.3





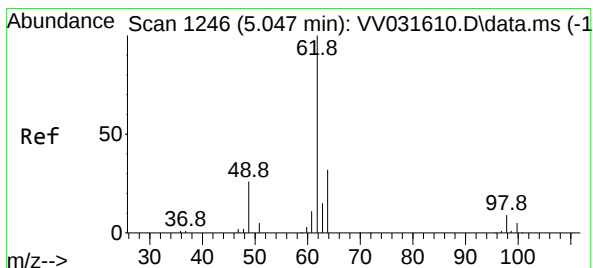
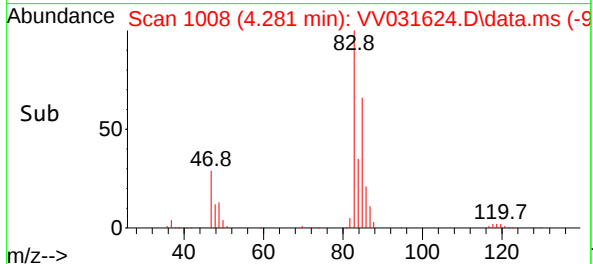
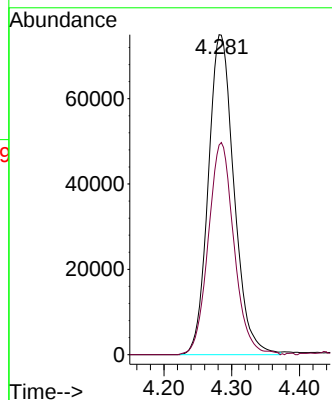
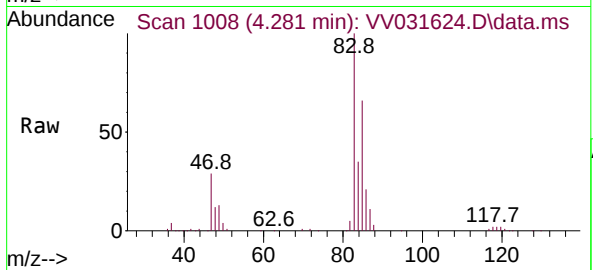
#25
Chloroform
Concen: 48.512 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 83 Resp: 197735
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1

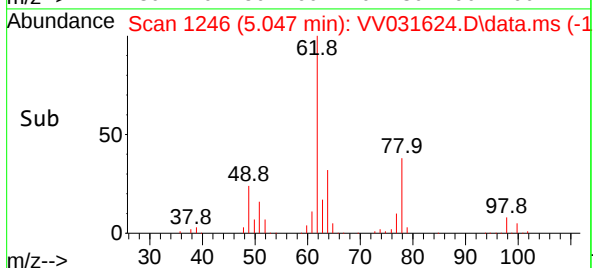
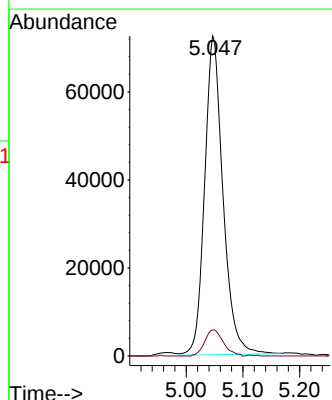
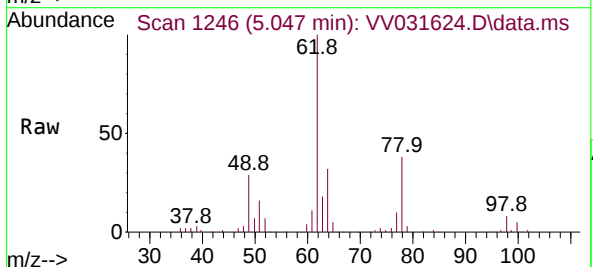
Manual Integrations
APPROVED

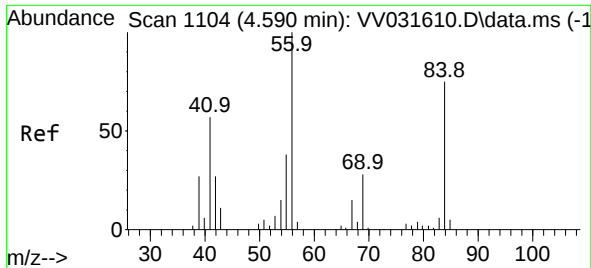
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#27
1,2-Dichloroethane
Concen: 51.922 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

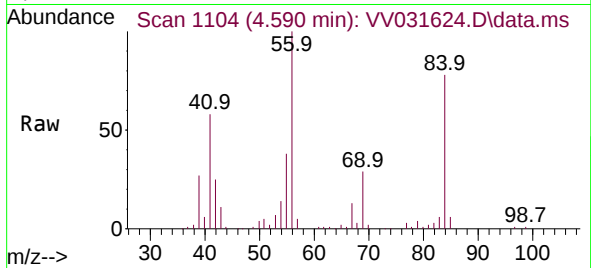
Tgt Ion: 62 Resp: 163335
Ion Ratio Lower Upper
62 100
98 8.7 6.6 9.8





#29
Cyclohexane
Concen: 47.729 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

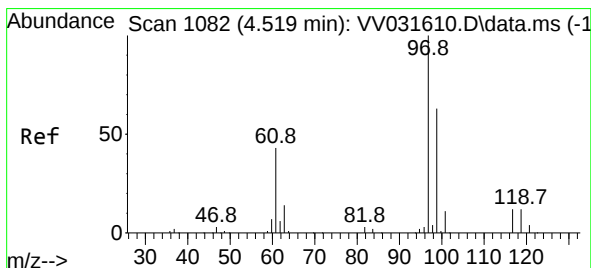
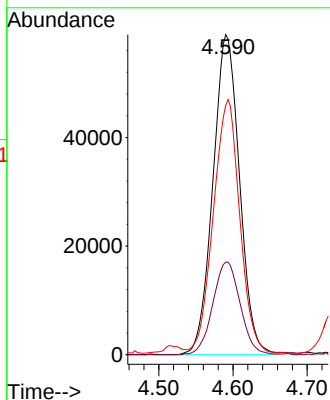
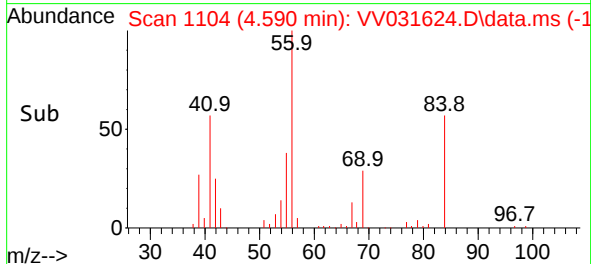
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



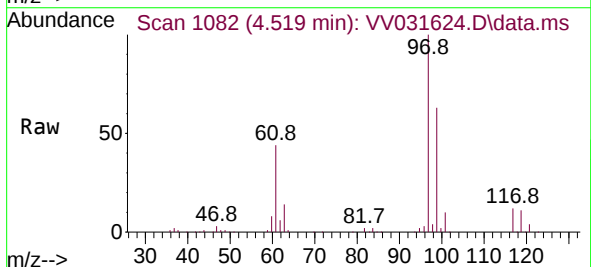
Tgt Ion: 56 Resp: 14671
Ion Ratio Lower Upper
56 100
69 29.7 24.3 36.5
84 78.1 65.0 97.6

Manual Integrations
APPROVED

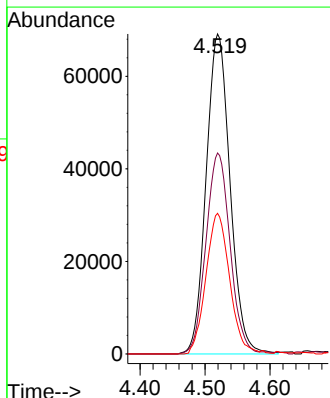
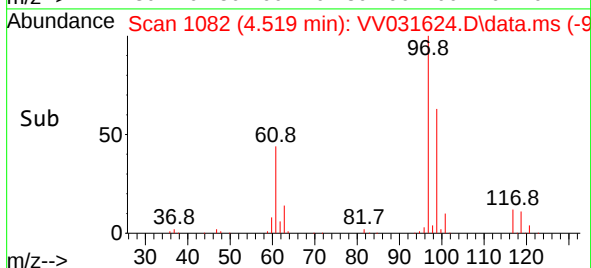
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

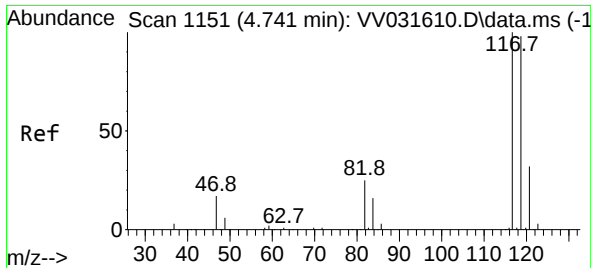


#30
1,1,1-Trichloroethane
Concen: 46.770 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



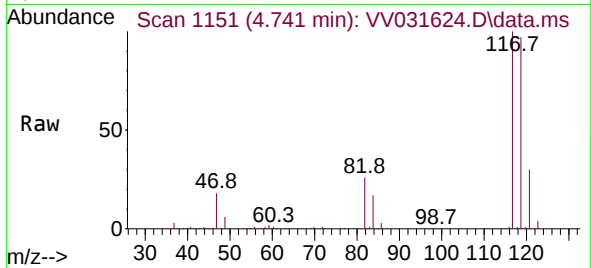
Tgt Ion: 97 Resp: 177172
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 43.4 33.0 49.6





#31
Carbon tetrachloride
Concen: 45.391 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

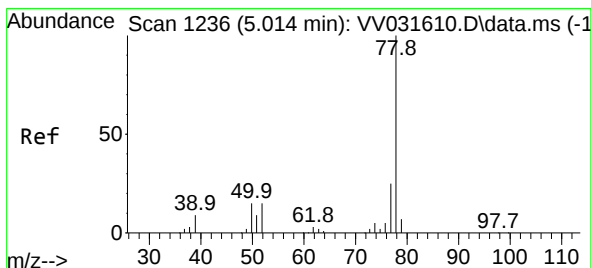
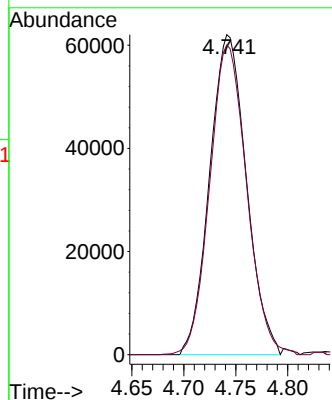
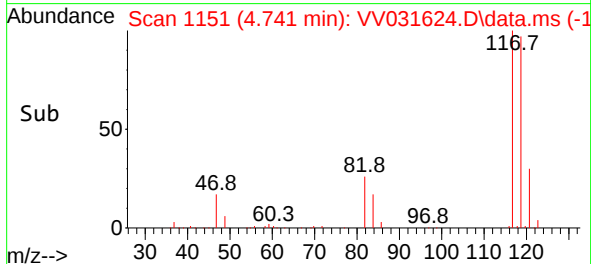
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion:117 Resp: 15235
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4

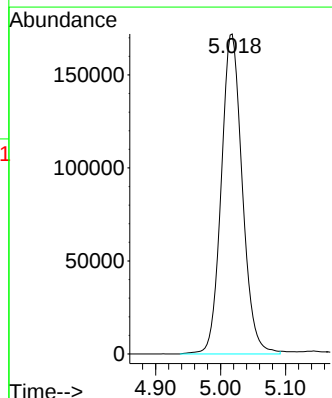
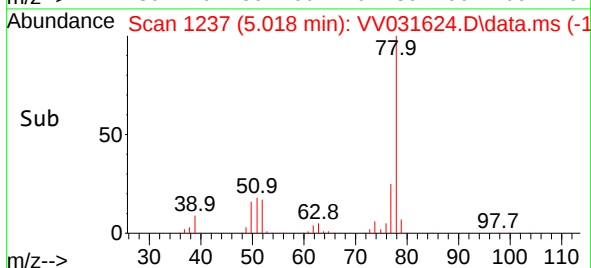
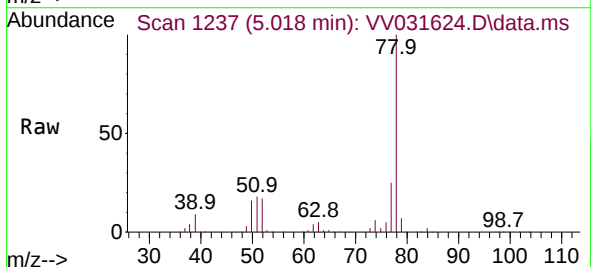
Manual Integrations
APPROVED

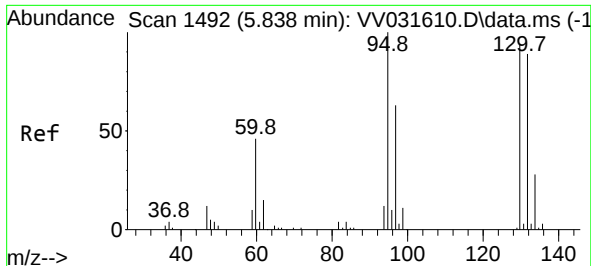
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#33
Benzene
Concen: 49.132 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

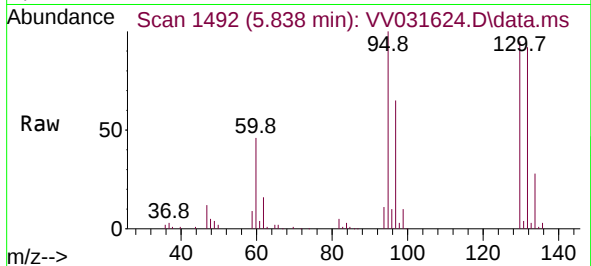
Tgt Ion: 78 Resp: 386492





#34
Trichloroethene
Concen: 47.315 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

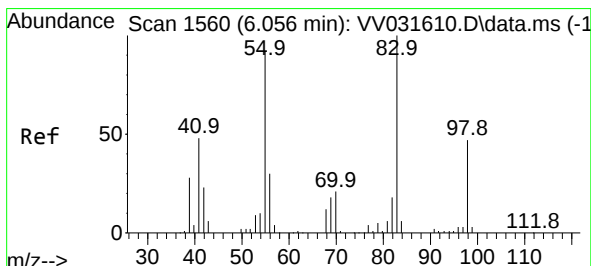
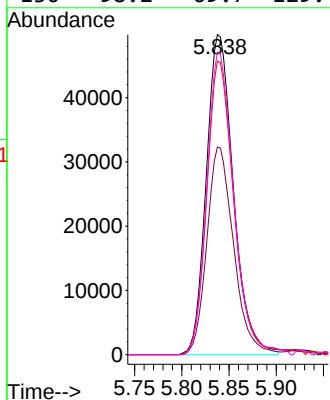
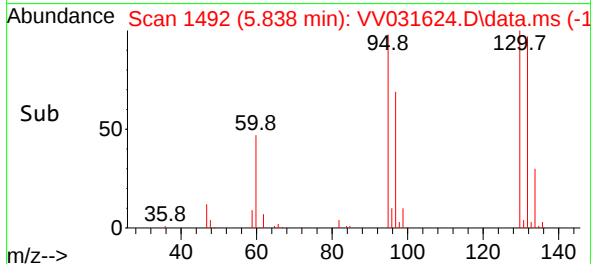
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



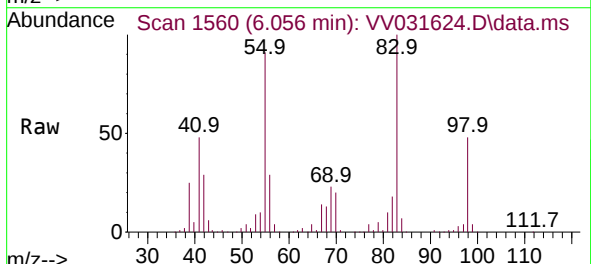
Tgt Ion: 95 Resp: 99458
Ion Ratio Lower Upper
95 100
97 64.9 46.8 86.8
132 94.6 66.4 123.2
130 98.2 69.7 129.4

Manual Integrations
APPROVED

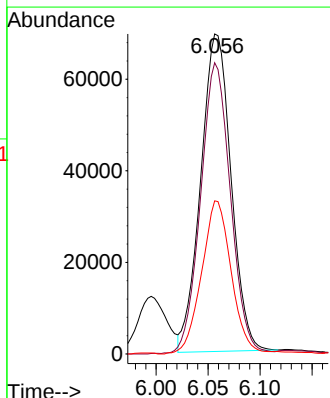
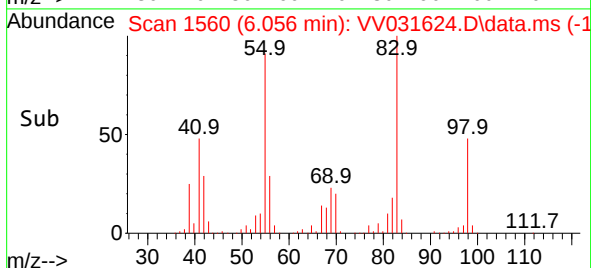
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

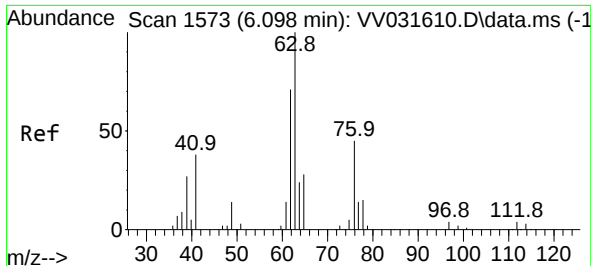


#35
Methylcyclohexane
Concen: 45.534 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



Tgt Ion: 83 Resp: 141030
Ion Ratio Lower Upper
83 100
55 90.0 68.7 103.1
98 47.0 37.0 55.4





#37

1,2-Dichloropropane

Concen: 49.091 ug/L

RT: 6.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion: 63 Resp: 11339

Ion Ratio Lower Upper

63 100

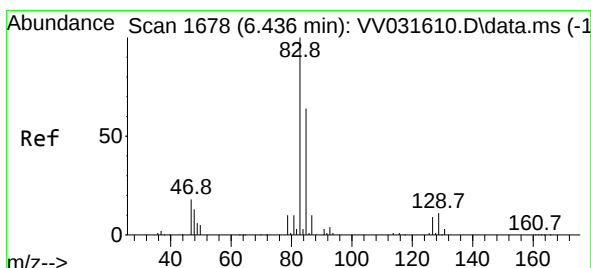
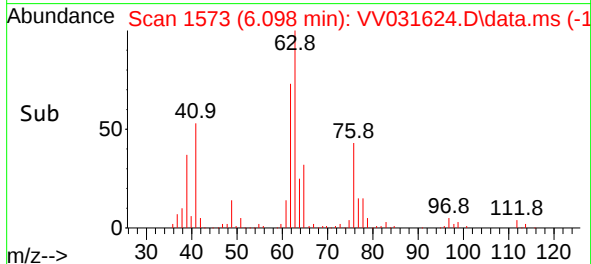
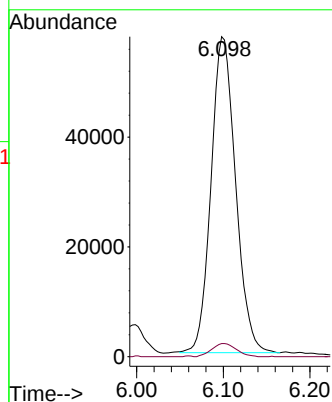
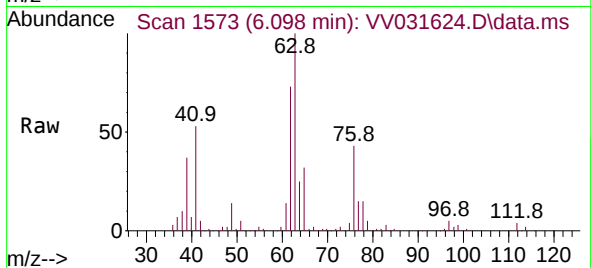
112 4.2 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#38

Bromodichloromethane

Concen: 48.301 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

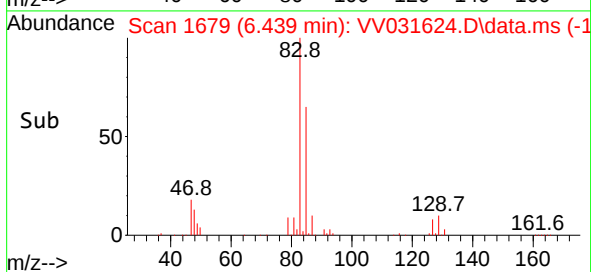
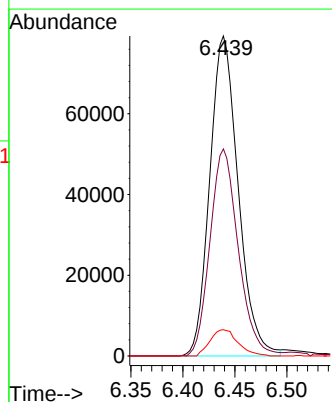
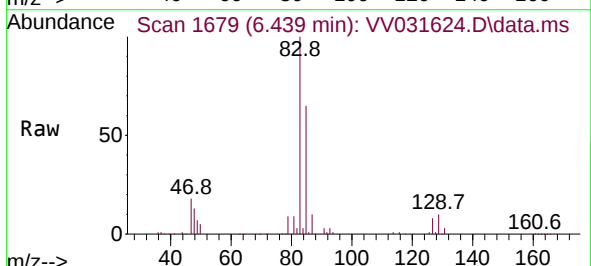
Tgt Ion: 83 Resp: 150808

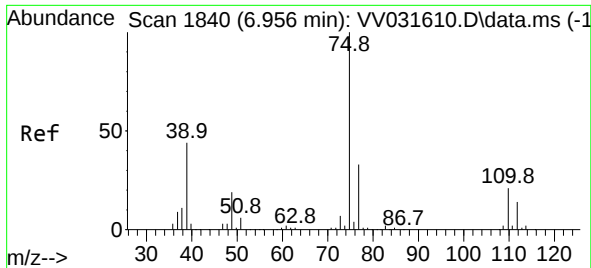
Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1

127 9.0 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 50.414 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion: 75 Resp: 172864

Ion Ratio Lower Upper

75 100

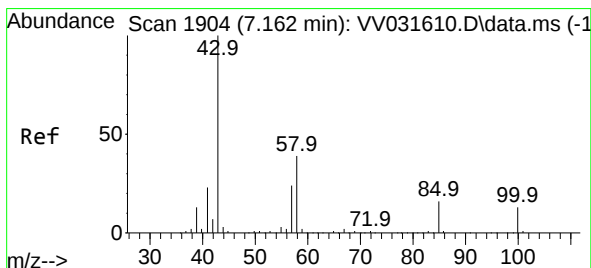
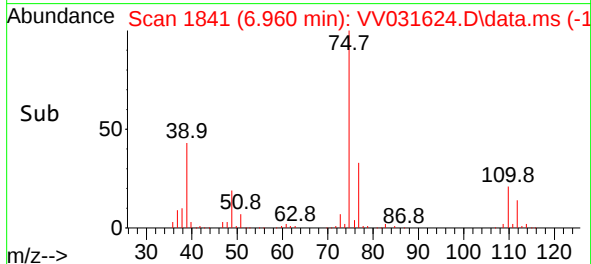
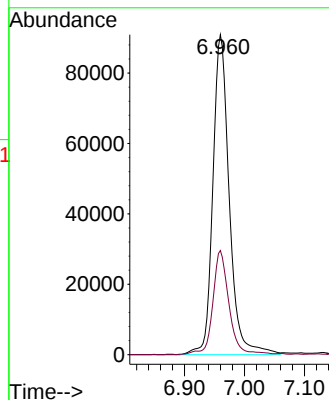
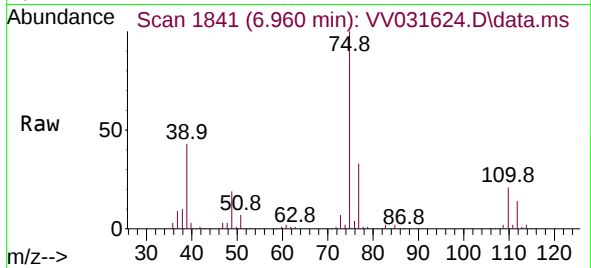
77 32.6 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#40

4-Methyl-2-pentanone

Concen: 120.373 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

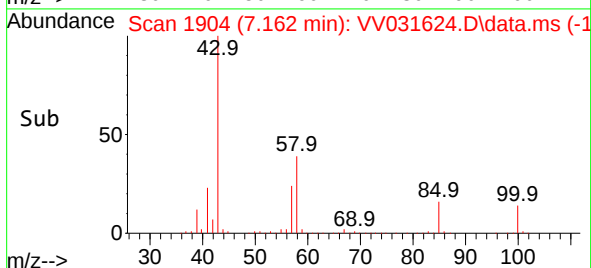
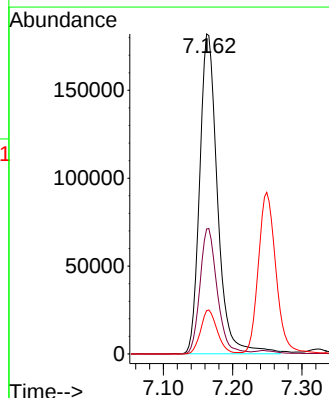
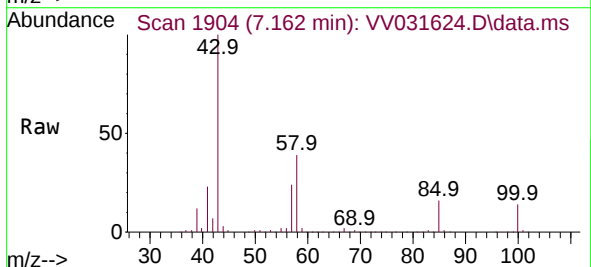
Tgt Ion: 43 Resp: 326494

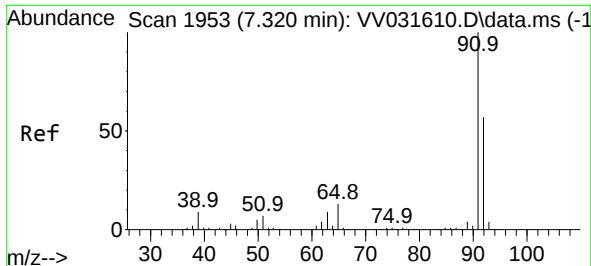
Ion Ratio Lower Upper

43 100

58 38.1 31.8 47.8

100 12.9 11.1 16.7





#42

Toluene

Concen: 50.228 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion: 91 Resp: 409668

Ion Ratio Lower Upper

91 100

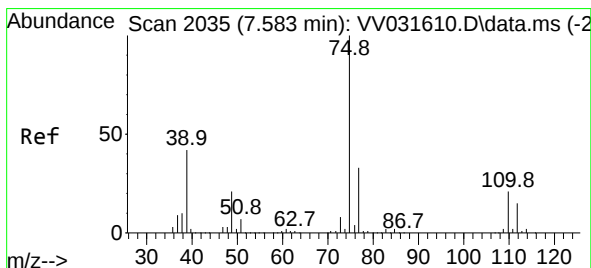
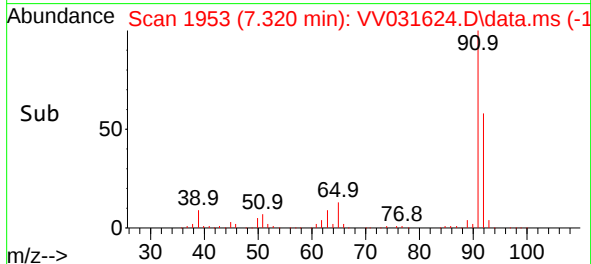
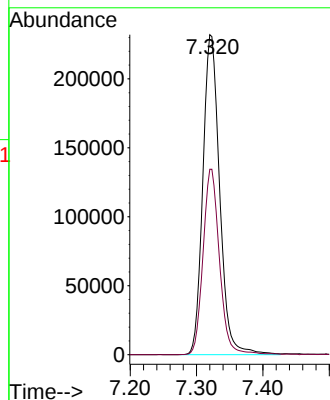
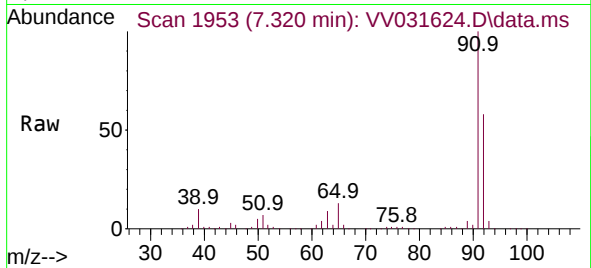
92 58.0 39.6 73.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#44

trans-1,3-Dichloropropene

Concen: 51.157 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV031624.D

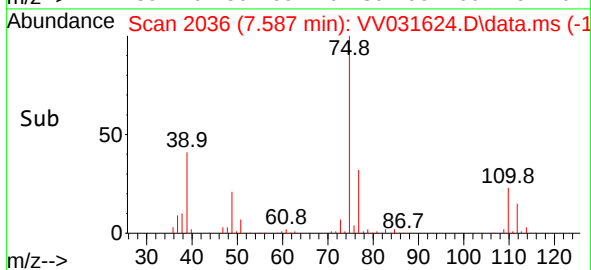
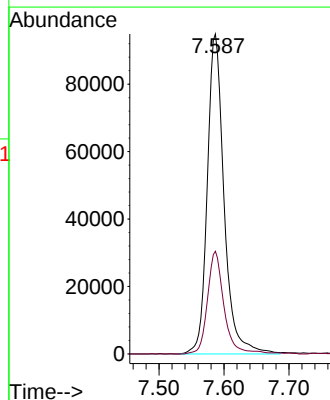
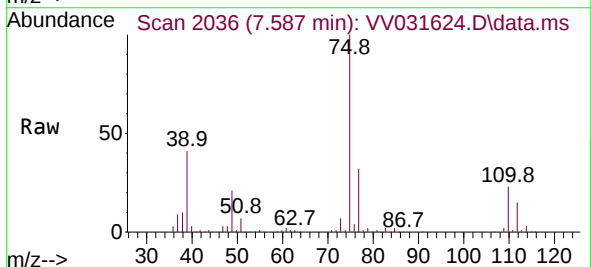
Acq: 29 Jun 2023 16:33

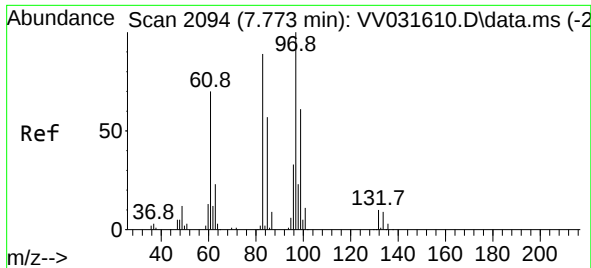
Tgt Ion: 75 Resp: 170823

Ion Ratio Lower Upper

75 100

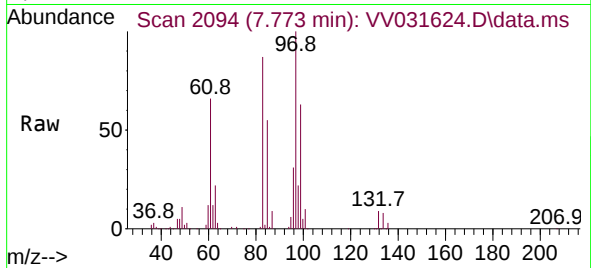
77 32.1 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 49.865 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

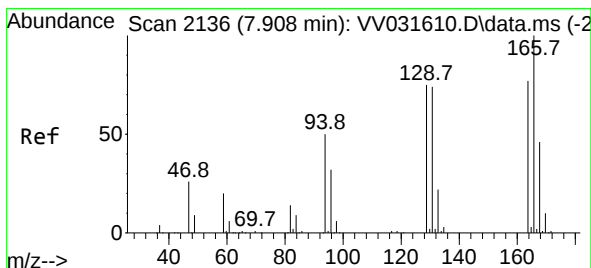
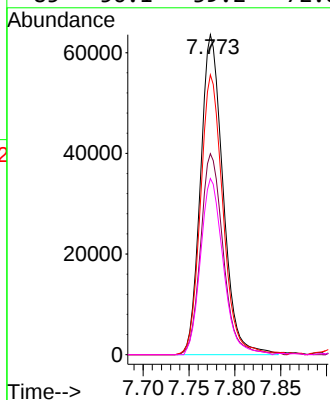
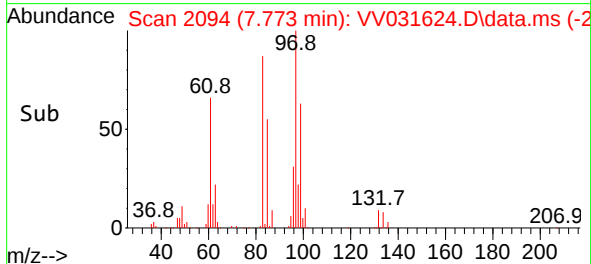
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



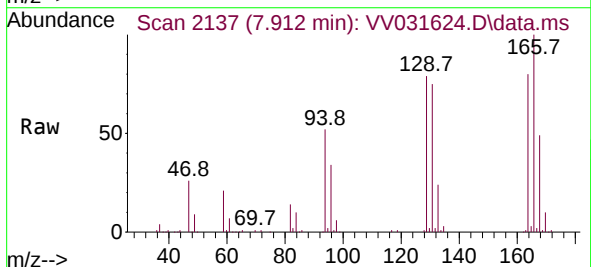
Tgt Ion: 97 Resp: 10881
Ion Ratio Lower Upper
97 100
99 62.8 43.7 81.1
83 87.4 60.9 113.1
85 56.1 39.2 72.8

Manual Integrations
APPROVED

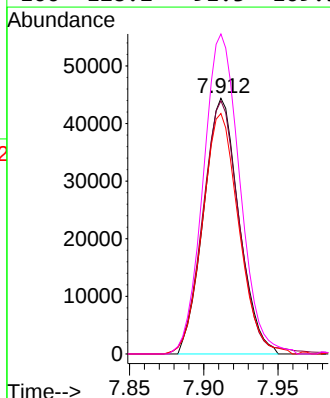
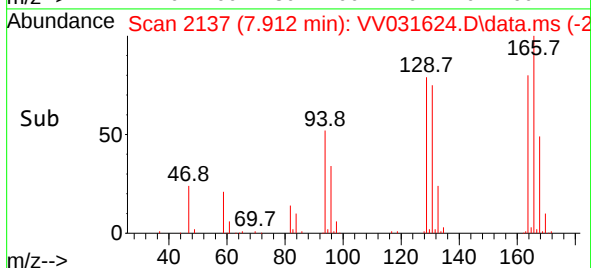
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

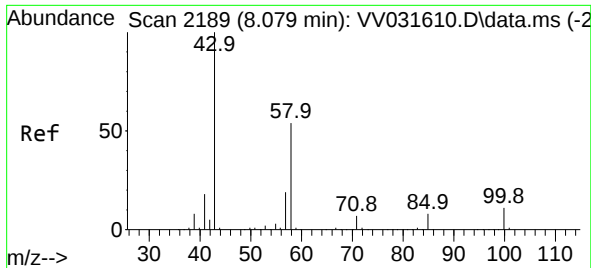


#46
Tetrachloroethene
Concen: 44.495 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



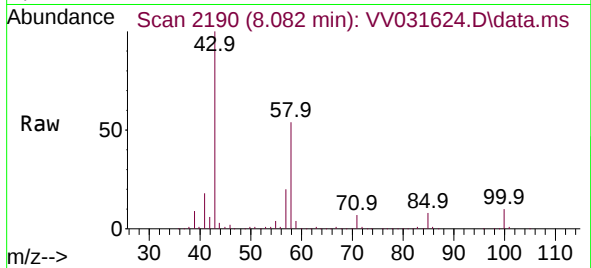
Tgt Ion:164 Resp: 73408
Ion Ratio Lower Upper
164 100
129 101.5 68.4 127.0
131 96.3 67.6 125.6
166 128.2 91.3 169.5





#48
2-Hexanone
Concen: 115.437 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

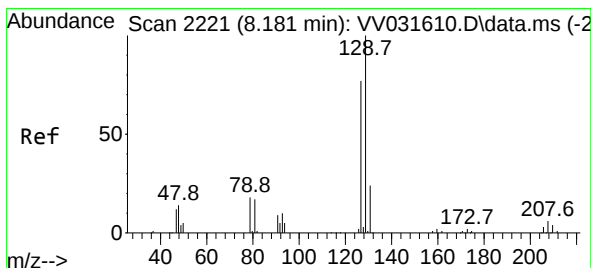
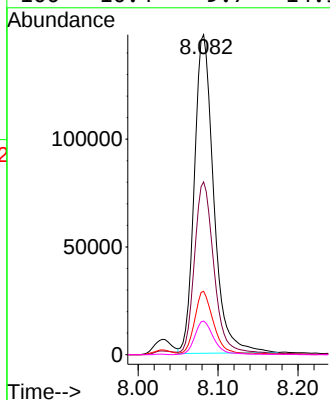
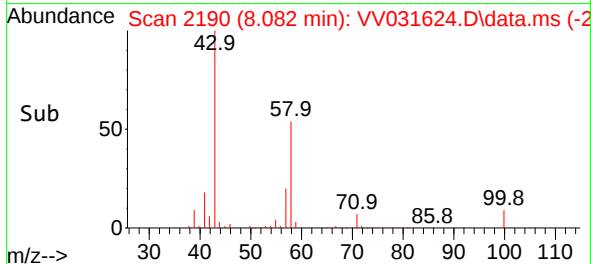
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion: 43 Resp: 25006
Ion Ratio Lower Upper
43 100
58 53.9 46.7 70.1
57 18.6 15.5 23.3
100 10.4 9.7 14.5

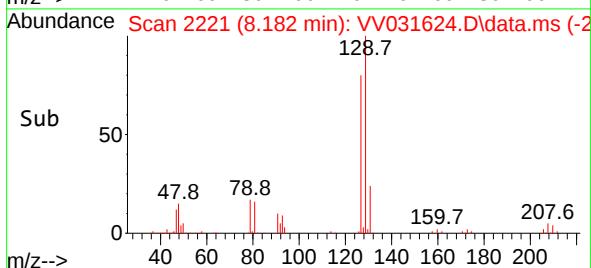
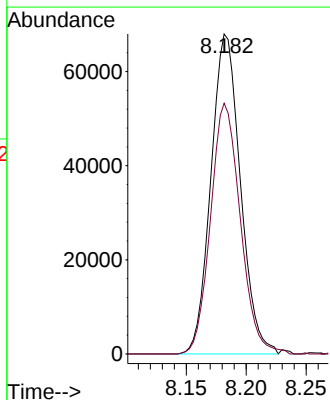
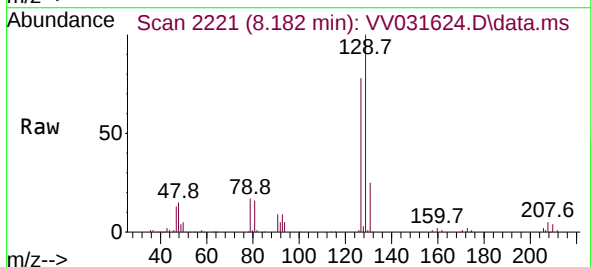
Manual Integrations
APPROVED

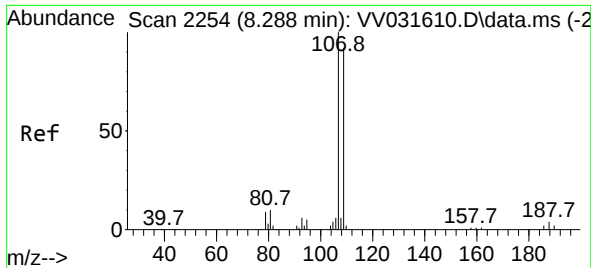
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#49
Dibromochloromethane
Concen: 47.876 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

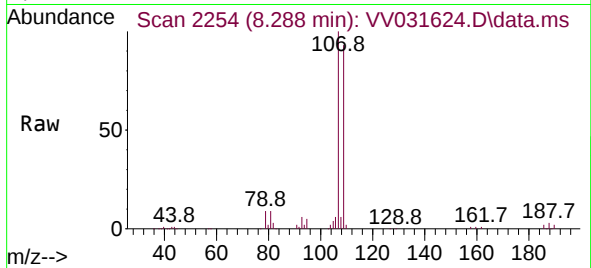
Tgt Ion:129 Resp: 116109
Ion Ratio Lower Upper
129 100
127 80.0 55.8 103.6





#50
1,2-Dibromoethane
Concen: 49.689 ug/L
RT: 8.288 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

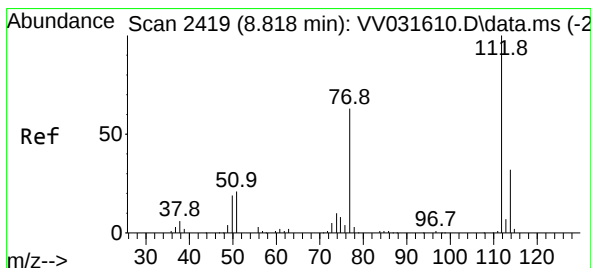
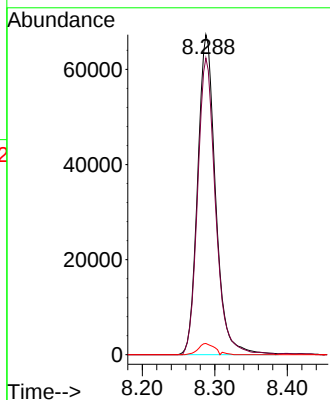
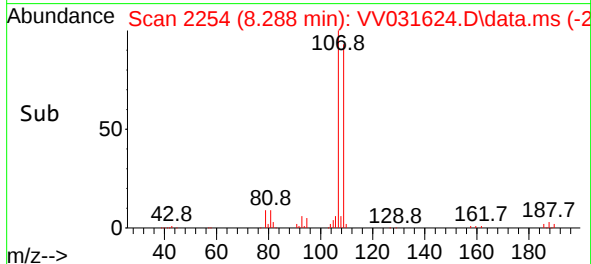
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



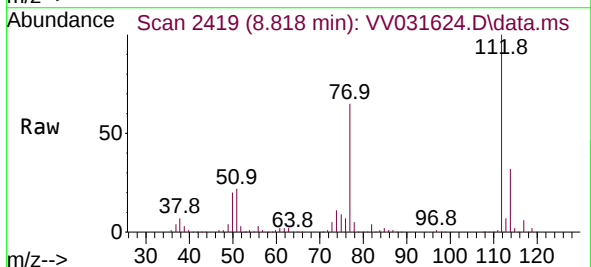
Tgt Ion:107 Resp: 115450
Ion Ratio Lower Upper
107 100
109 92.7 65.7 122.1
188 3.5 2.6 4.0

Manual Integrations
APPROVED

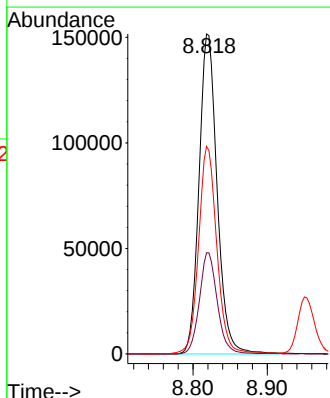
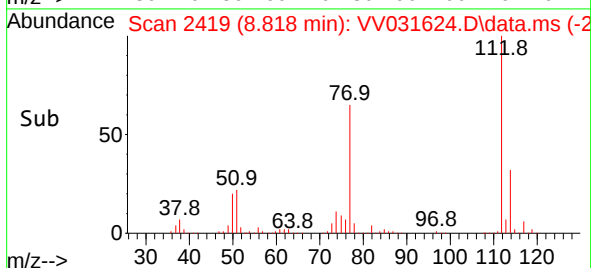
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

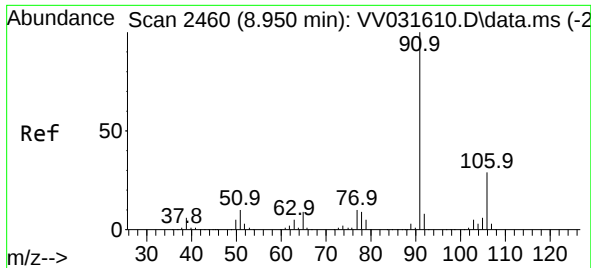


#51
Chlorobenzene
Concen: 47.644 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



Tgt Ion:112 Resp: 257367
Ion Ratio Lower Upper
112 100
114 31.6 22.9 42.5
77 64.9 52.5 78.7





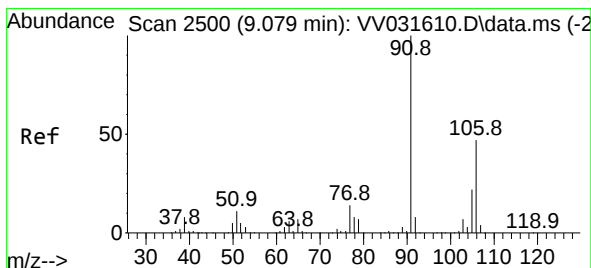
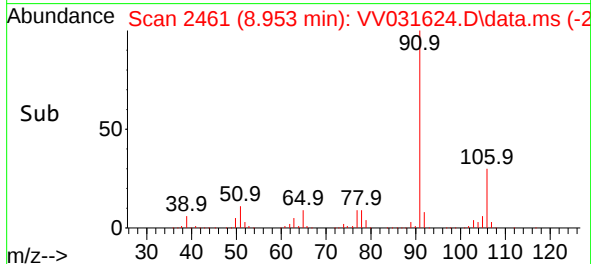
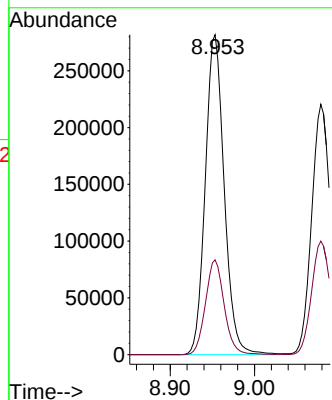
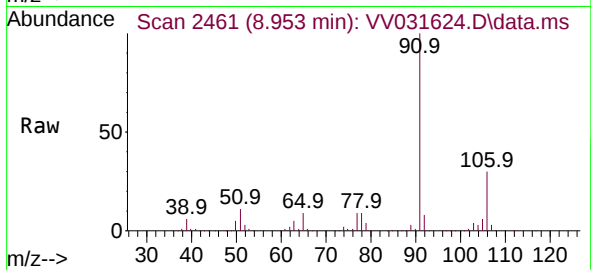
#52
Ethylbenzene
Concen: 48.429 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 91 Resp: 440749
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6

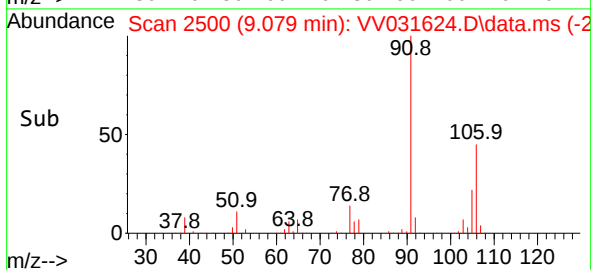
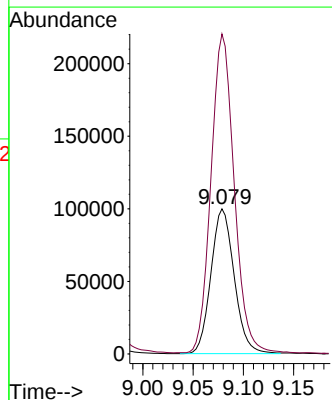
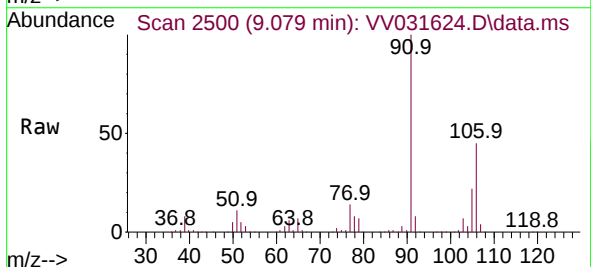
Manual Integrations
APPROVED

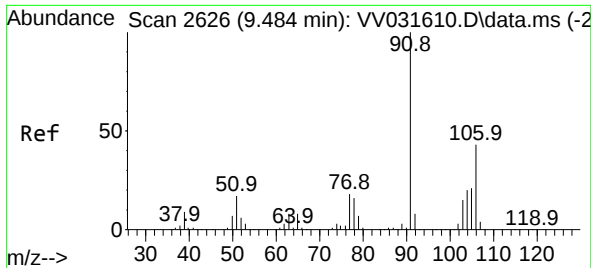
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#53
m,p-Xylene
Concen: 48.291 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:106 Resp: 160948
Ion Ratio Lower Upper
106 100
91 220.5 149.0 276.6





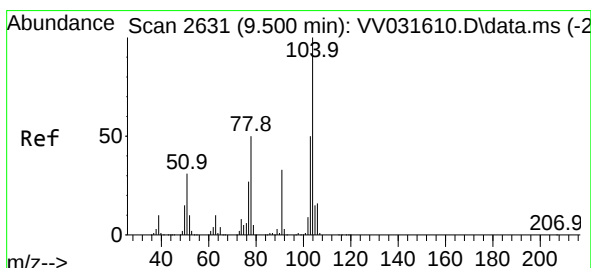
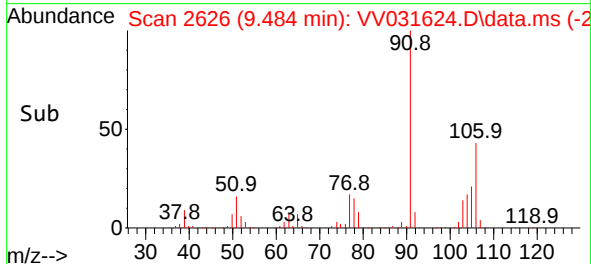
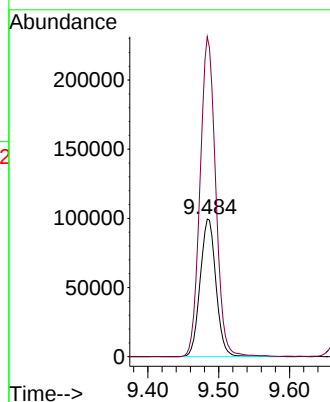
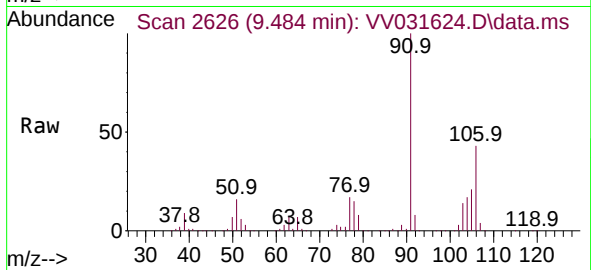
#54
o-Xylene
Concen: 48.732 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion:106 Resp: 154129
Ion Ratio Lower Upper
106 100
91 232.5 161.3 299.7

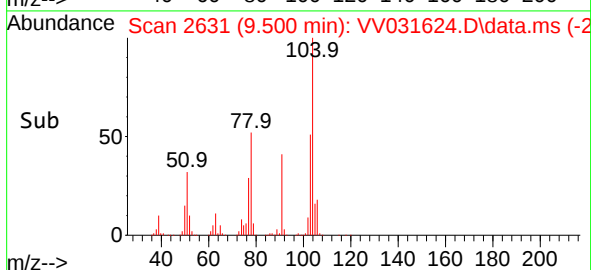
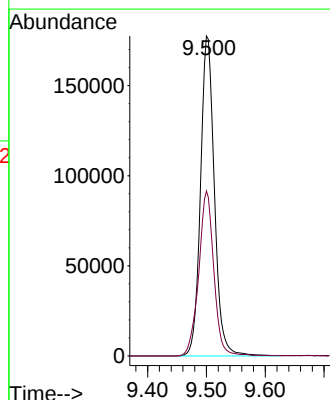
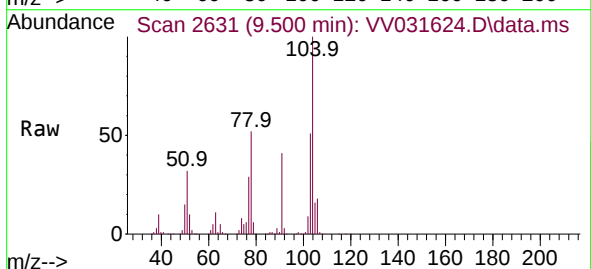
Manual Integrations
APPROVED

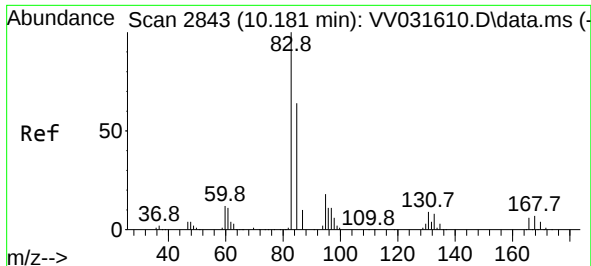
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#55
Styrene
Concen: 51.684 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

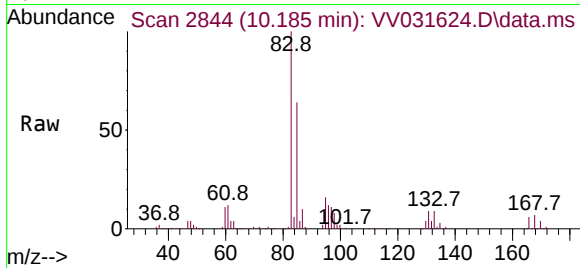
Tgt Ion:104 Resp: 291942
Ion Ratio Lower Upper
104 100
78 51.6 35.1 65.3





#57
1,1,2,2-Tetrachloroethane
Concen: 52.281 ug/L
RT: 10.185 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

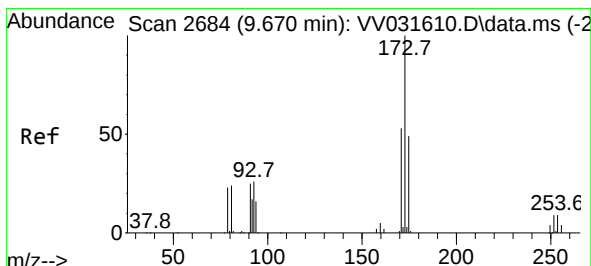
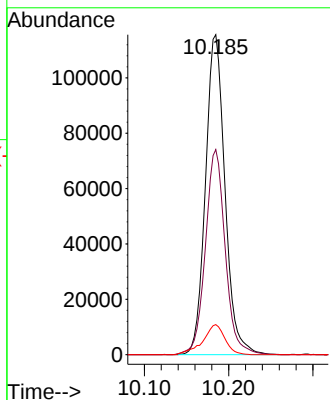
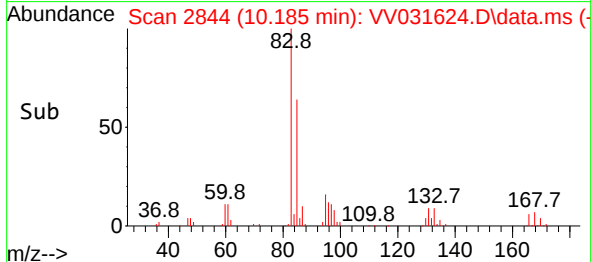
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



Tgt Ion: 83 Resp: 186402
Ion Ratio Lower Upper
83 100
85 64.1 43.1 80.1
131 13.1 10.6 16.0

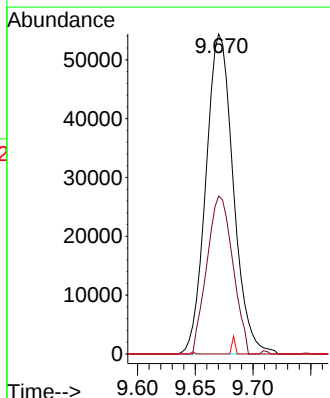
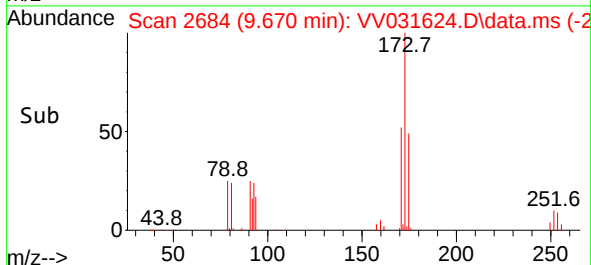
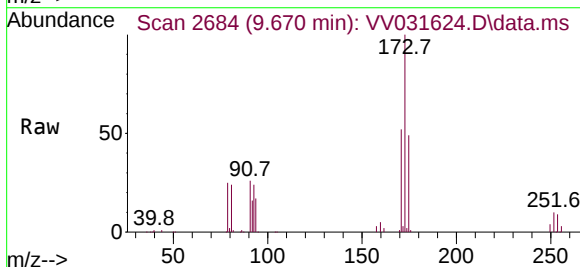
Manual Integrations
APPROVED

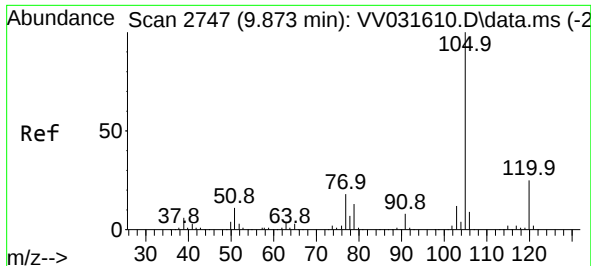
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#59
Bromoform
Concen: 50.748 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

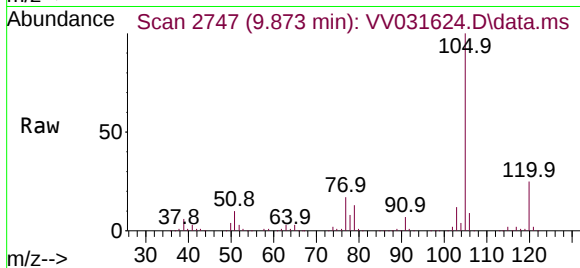
Tgt Ion:173 Resp: 89852
Ion Ratio Lower Upper
173 100
175 46.5 37.7 56.5
254 0.0 0.1 0.1#





#60
Isopropylbenzene
Concen: 47.448 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

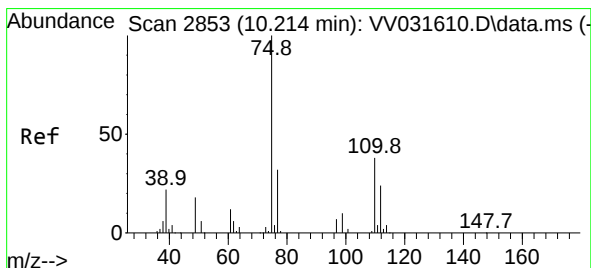
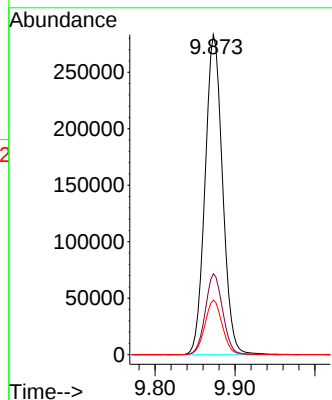
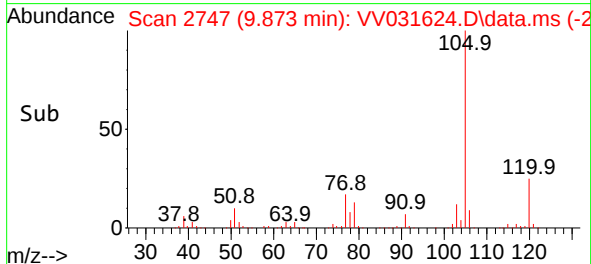
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



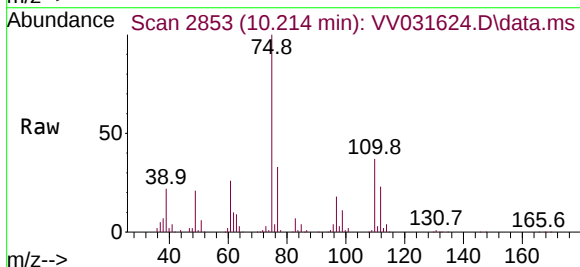
Tgt Ion:105 Resp: 432075
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 16.9 13.5 20.3

Manual Integrations
APPROVED

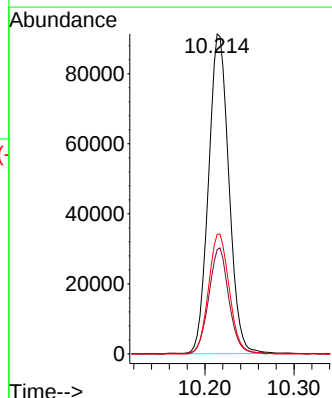
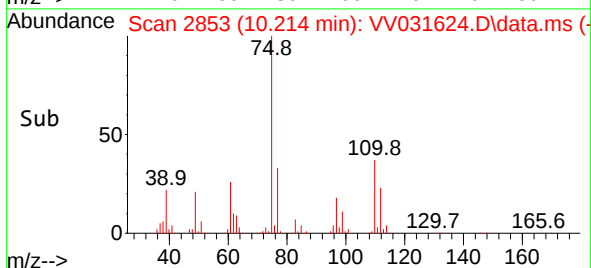
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

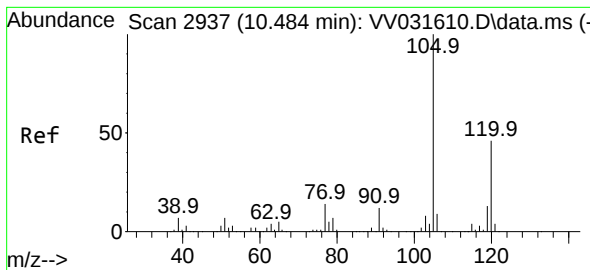


#61
1,2,3-Trichloropropane
Concen: 51.279 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



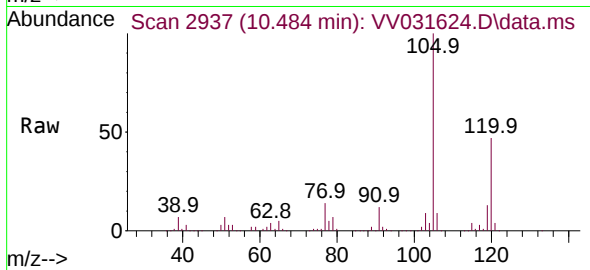
Tgt Ion: 75 Resp: 144669
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 38.2 31.3 46.9





#62
1,3,5-Trimethylbenzene
Concen: 46.217 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

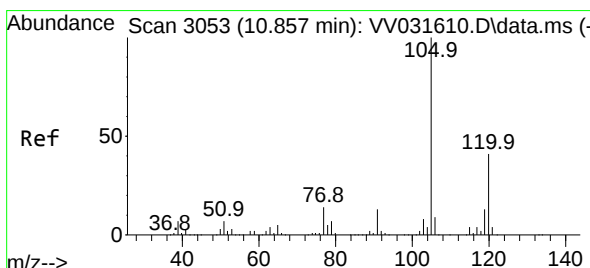
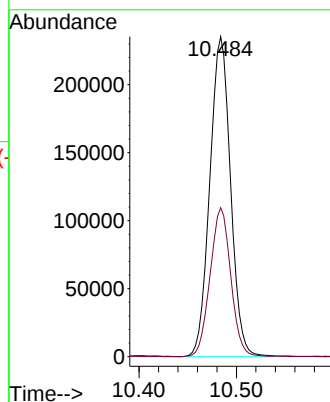
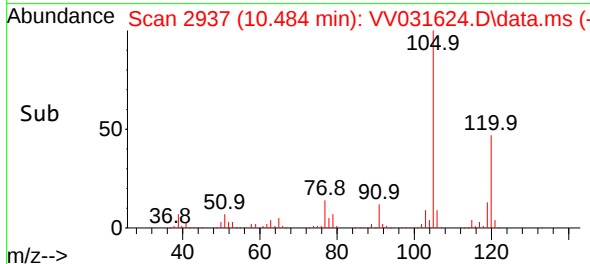
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



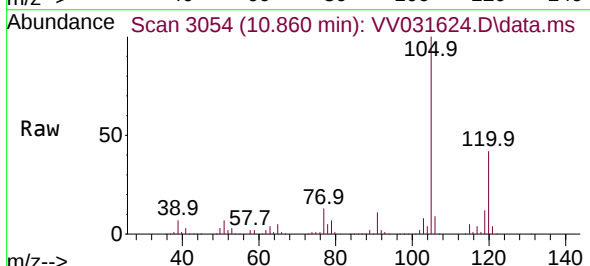
Tgt Ion:105 Resp: 347839
Ion Ratio Lower Upper
105 100
120 46.4 36.2 54.2

Manual Integrations
APPROVED

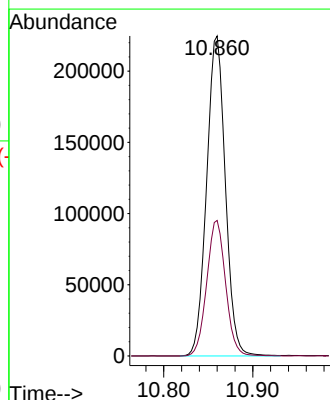
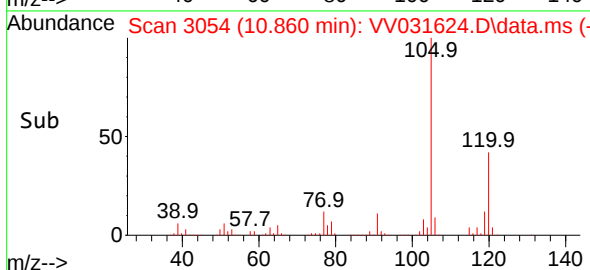
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

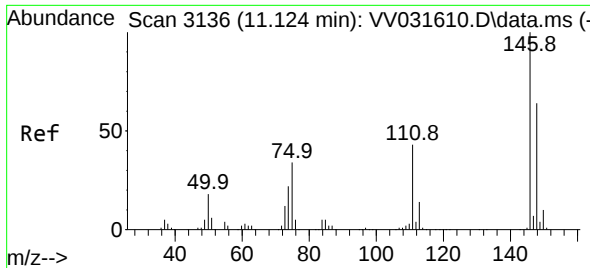


#63
1,2,4-Trimethylbenzene
Concen: 46.792 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



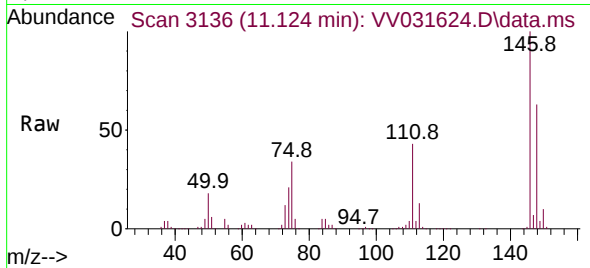
Tgt Ion:105 Resp: 328134
Ion Ratio Lower Upper
105 100
120 42.6 33.4 50.2





#64
1,3-Dichlorobenzene
Concen: 46.739 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

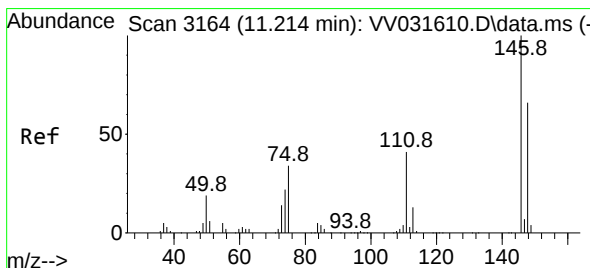
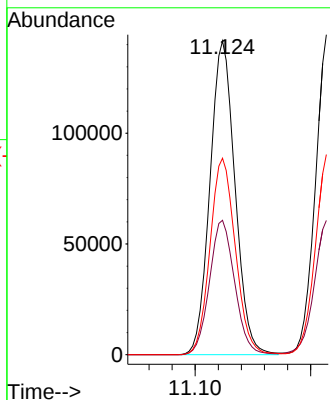
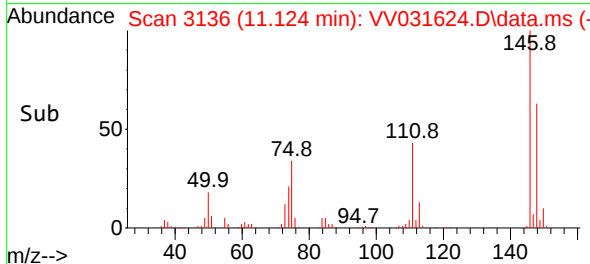
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



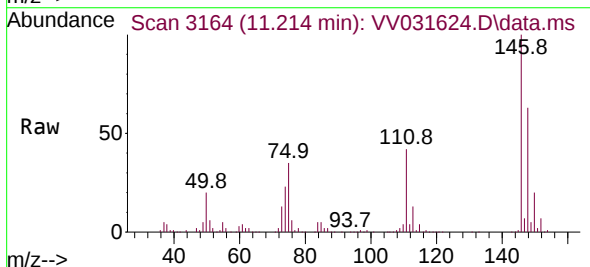
Tgt Ion:146 Resp: 21338
Ion Ratio Lower Upper
146 100
111 42.9 30.4 56.5
148 62.6 44.7 83.1

Manual Integrations
APPROVED

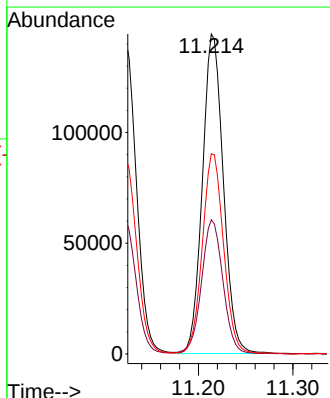
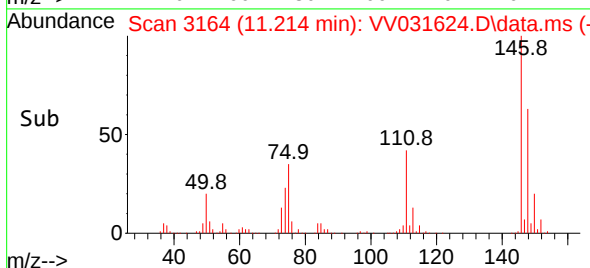
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

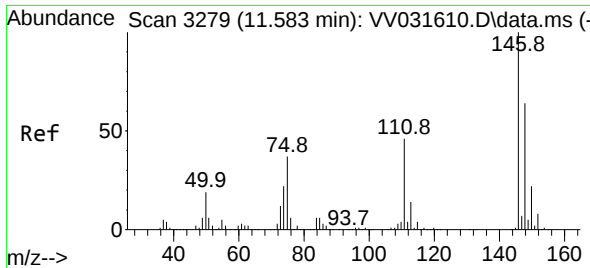


#65
1,4-Dichlorobenzene
Concen: 45.663 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



Tgt Ion:146 Resp: 222147
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.7
148 62.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 46.379 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

Tgt Ion:146 Resp: 21370

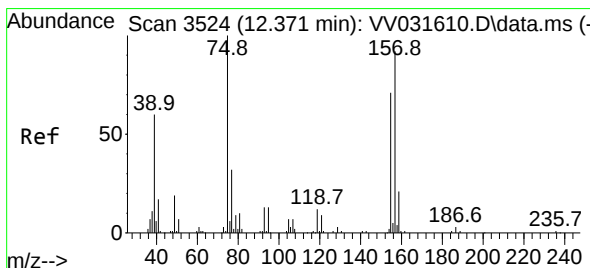
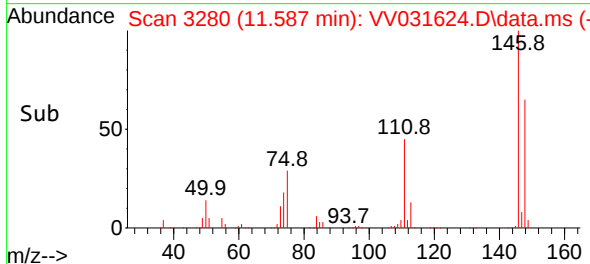
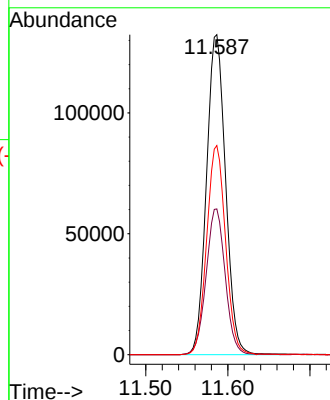
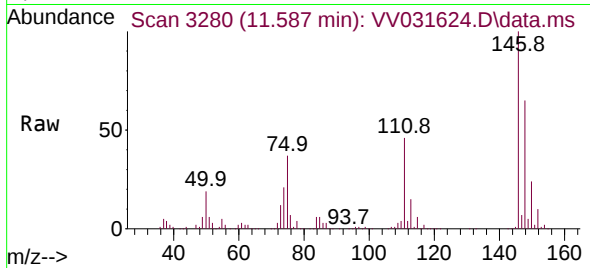
Ion	Ratio	Lower	Upper
146	100		
111	45.5	35.9	53.9
148	65.4	52.6	78.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 52.510 ug/L

RT: 12.371 min Scan# 3524

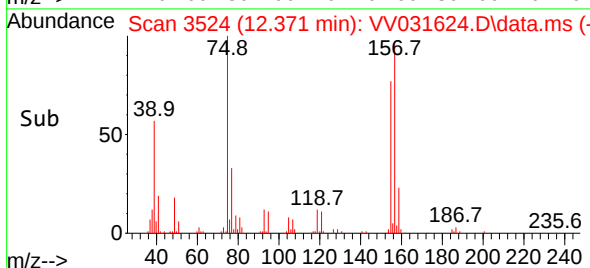
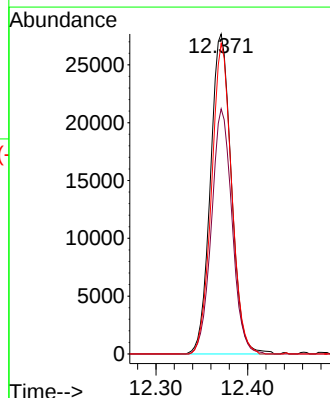
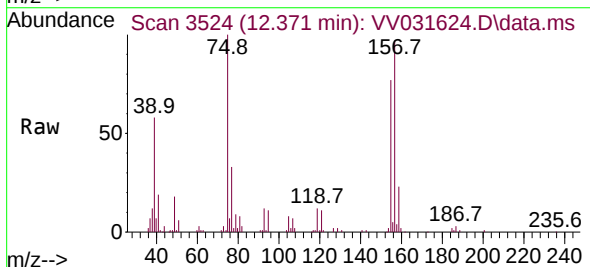
Delta R.T. 0.000 min

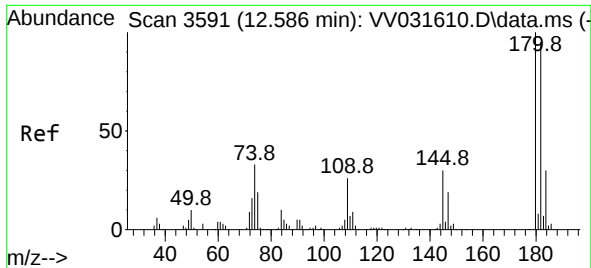
Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Tgt Ion: 75 Resp: 43969

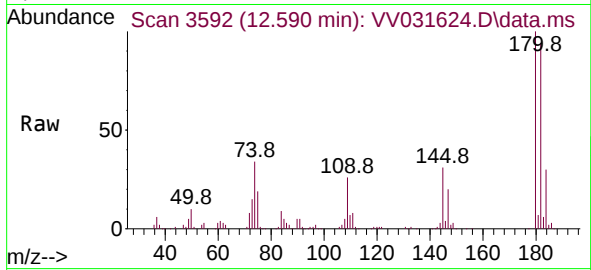
Ion	Ratio	Lower	Upper
75	100		
155	81.4	63.2	94.8
157	101.5	85.3	127.9





#69
1,3,5-Trichlorobenzene
Concen: 45.277 ug/L
RT: 12.590 min Scan# 3591
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

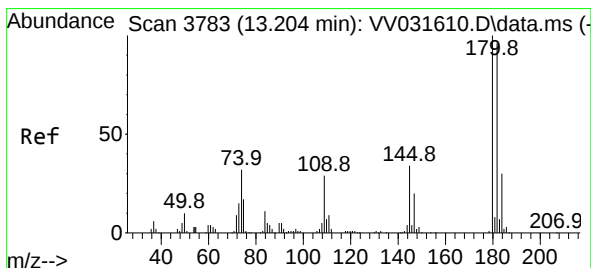
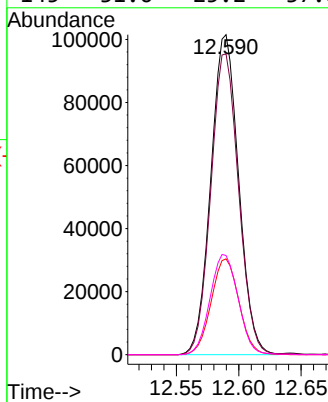
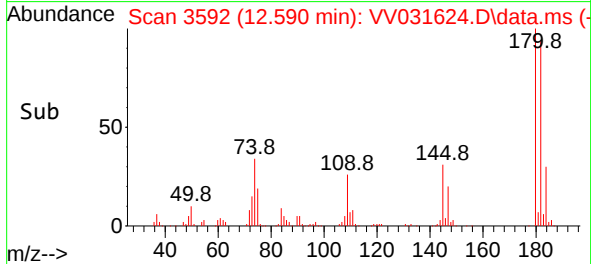
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD



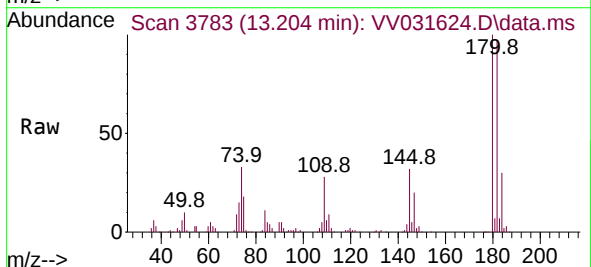
Tgt Ion:180 Resp: 157508
Ion Ratio Lower Upper
180 100
182 93.8 76.6 115.0
184 29.9 24.7 37.1
145 31.6 25.2 37.8

Manual Integrations
APPROVED

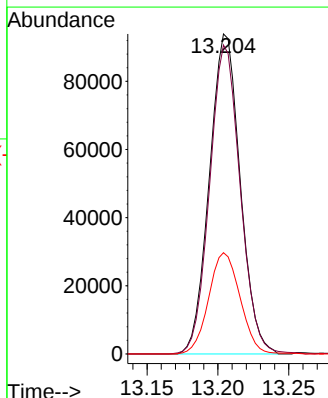
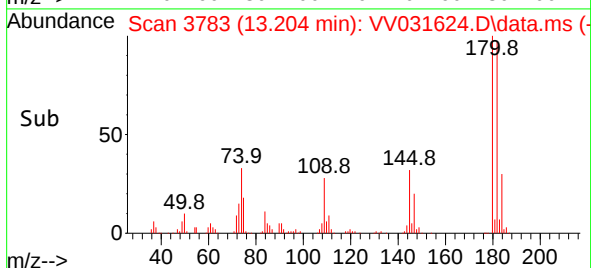
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

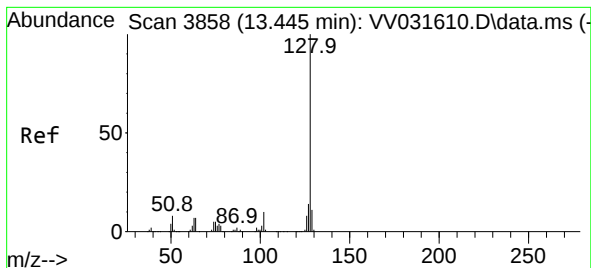


#70
1,2,4-trichlorobenzene
Concen: 46.556 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33



Tgt Ion:180 Resp: 141959
Ion Ratio Lower Upper
180 100
182 95.7 77.7 116.5
145 32.3 26.1 39.1





#71

Naphthalene

Concen: 54.948 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

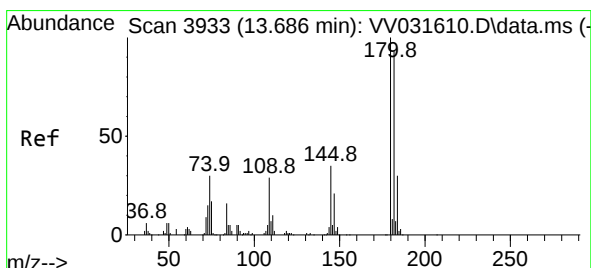
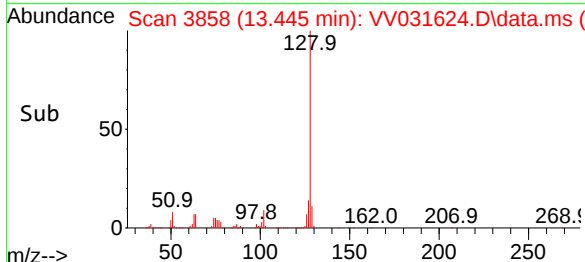
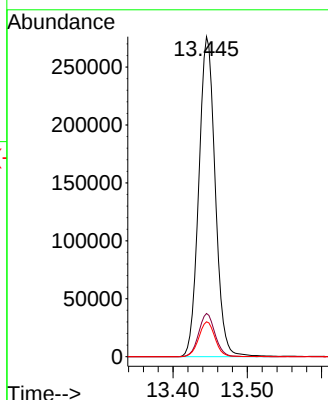
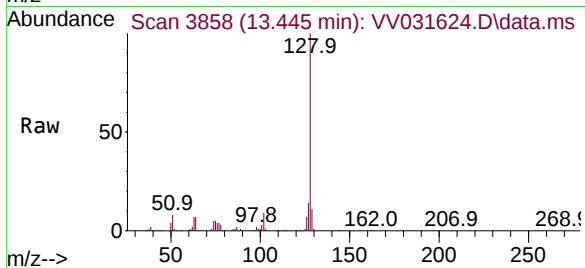
Tgt Ion:	128	Resp:	424394
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#72

1,2,3-Trichlorobenzene

Concen: 49.321 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Tgt Ion:	180	Resp:	156283
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.0	111.0
145	33.7	26.2	39.2

