

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041179.D
 Acq On : 29 Apr 2024 11:27
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:06:13 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1112150	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2788075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2693672	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2031833 9.987 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1422549	9.254	ppbv	100
3) Chlorodifluoromethane	2.671	51	1571594	9.270	ppbv	100
4) Chloromethane	2.809	50	619576	9.183	ppbv	100
5) Vinyl Chloride	2.919	62	636172	9.722	ppbv	100
6) Bromomethane	3.118	94	230428	9.505	ppbv	100
7) Chloroethane	3.195	64	221087	9.313	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1473359	9.484	ppbv	100
9) Propene	2.690	41	612278	9.256	ppbv	100
10) Heptane	7.581	43	1494893	9.439	ppbv	100
11) Trichlorofluoromethane	3.558	101	1462629	9.581	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.063	101	1080552	9.474	ppbv	100
13) Ethanol	3.237	45	150371	10.525	ppbv	100
14) Bromoethene	3.362	108	446546	9.399	ppbv	100
15) Acetone	3.462	43	1130547	8.517	ppbv	100
16) 1,3-Butadiene	2.983	39	648785	9.833	ppbv	100
17) tert-Butyl alcohol	3.874	59	1465073	10.212	ppbv	100
18) 1,1-Dichloroethene	3.877	96	488404	9.335	ppbv	100
19) Isopropyl Alcohol	3.571	45	900488	10.436	ppbv	100
20) Methylene Chloride	3.928	84	414071	8.985	ppbv	100
21) Allyl Chloride	3.993	41	810802	9.377	ppbv	100
22) trans-1,2-Dichloroethene	4.439	96	507866	9.833	ppbv	100
23) Vinyl Acetate	4.623	43	1408214	9.618	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1047058	9.279	ppbv	100
25) Ethyl Acetate	5.202	43	2459546	9.447	ppbv	100
26) Hexane	5.208	57	1072778	9.310	ppbv	100
27) Carbon Disulfide	4.121	76	1349586	9.875	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	898633	9.581	ppbv	100
29) Chloroform	5.272	83	1524457	9.479	ppbv	100
30) Cyclohexane	6.597	84	894175	9.456	ppbv	100
31) cis-1,2-Dichloroethene	5.073	61	1055873	9.570	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1547693	9.590	ppbv	100
34) 2-Butanone	4.780	43	1239148	9.084	ppbv	100
35) Carbon Tetrachloride	6.491	117	1542679	9.750	ppbv	100
36) Benzene	6.369	78	2221090	9.469	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1187277	9.675	ppbv	100
38) Trichloroethene	7.291	130	789647	8.917	ppbv	100
39) 1,2-Dichloropropane	7.073	63	867244	9.571	ppbv	100
40) 1,4-Dioxane	7.285	88	323620	10.001	ppbv	100
41) Tetrahydrofuran	5.555	42	985365	9.770	ppbv	100
42) Bromodichloromethane	7.246	83	1734607	9.681	ppbv	100
43) Methyl Methacrylate	7.472	69	931637	9.680	ppbv	100
44) 2,2,4-Trimethylpentane	7.324	57	3777756	9.304	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	740808	10.513	ppbv	100

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Manual Integrations
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Quant Time: Apr 30 05:06:13 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

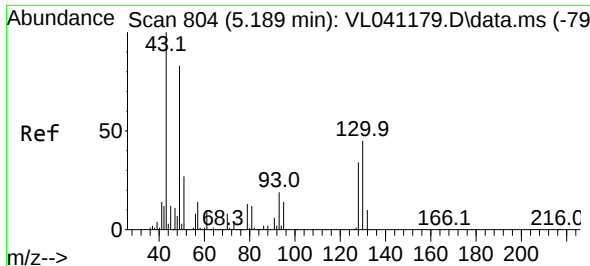
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

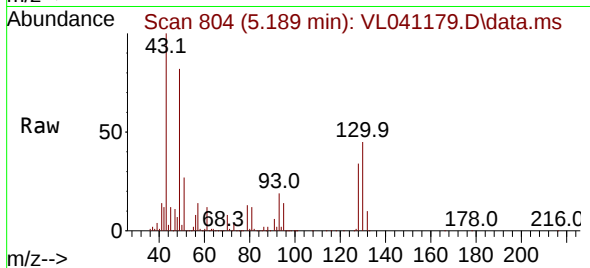
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	838573	9.830	ppbv	100
47) 1,1,2-Trichloroethane	8.899	97	863193	9.566	ppbv	100
48) Dibromochloromethane	9.713	129	1446815	9.914	ppbv	100
49) Bromoform	12.407	173	1257751	10.037	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2394160	9.297	ppbv	100
51) 2-Hexanone	9.549	43	1756610	9.369	ppbv #	100
52) Tetrachloroethene	10.619	164	772346	9.346	ppbv	100
53) Toluene	9.221	91	2572231	9.406	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1195937	9.753	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	1059887	9.503	ppbv	100
57) Chlorobenzene	11.526	112	1825680	9.267	ppbv	100
58) Ethyl Benzene	12.092	91	3375786	9.099	ppbv	100
59) m/p-Xylene	12.375	91	5625183m	18.063	ppbv	
60) o-Xylene	13.060	91	2641521	9.035	ppbv	100
61) Styrene	12.899	104	1471572	9.640	ppbv	100
62) Isopropylbenzene	14.031	105	3929016	8.945	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1849955	9.316	ppbv	100
64) n-propylbenzene	14.918	120	1017449	9.244	ppbv	100
65) tert-Butylbenzene	16.092	119	3413104	8.793	ppbv	100
66) Benzyl Chloride	16.323	91	478167	10.350	ppbv	100
67) sec-Butylbenzene	16.638	105	4854708	8.844	ppbv	100
69) p-Isopropyltoluene	16.998	119	4006087	8.803	ppbv	100
70) n-Butylbenzene	17.886	91	4218828	8.923	ppbv	100
71) 2-Chlorotoluene	14.802	91	3038563	9.055	ppbv	100
72) 4-Ethyltoluene	15.191	105	3120787	9.358	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	2759654	9.128	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	2955984	8.982	ppbv	100
75) 1,3-Dichlorobenzene	16.333	146	1742370	9.407	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1733035	9.605	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1678538	8.969	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1335636	8.029	ppbv	100
79) Naphthalene	21.384	128	2954097	9.468	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	1017752	7.750	ppbv	100
81) 1,2,4-Trichlorobenzene	21.137	180	1495849	8.971	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

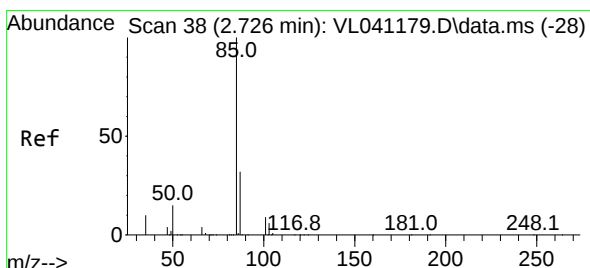
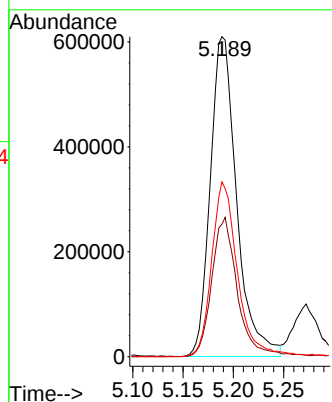
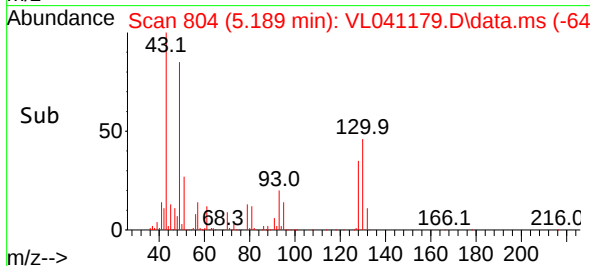
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 1112150
Ion Ratio Lower Upper
49 100
128 43.0 21.5 64.5
130 54.4 27.2 81.6

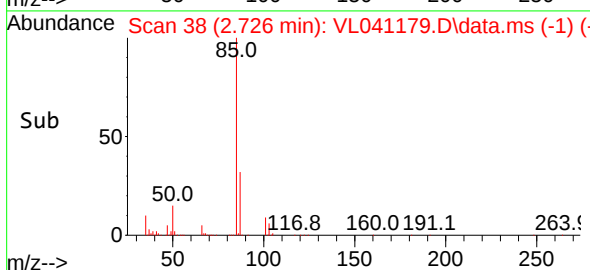
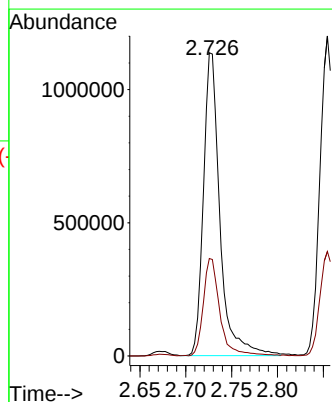
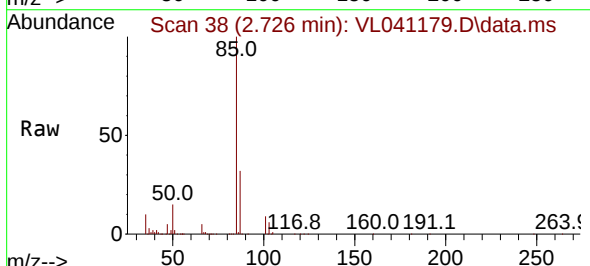
Manual Integrations
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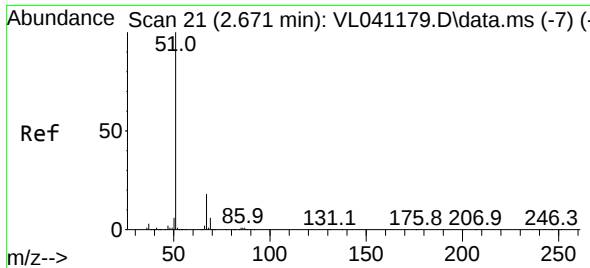
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 9.254 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

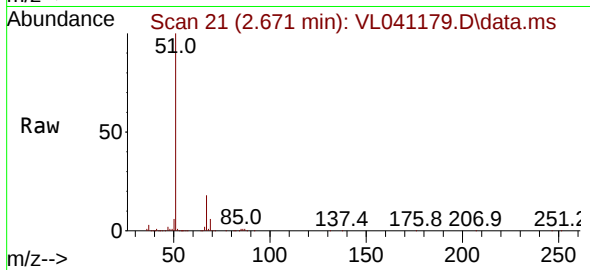
Tgt Ion: 85 Resp: 1422549
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.270 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

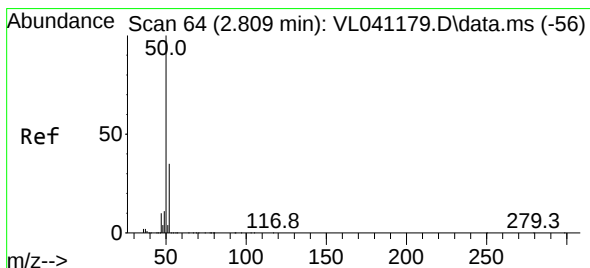
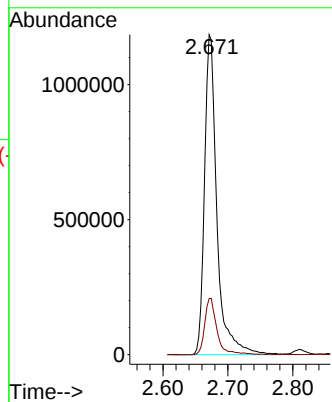
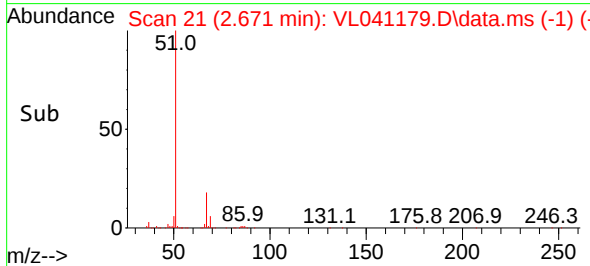
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



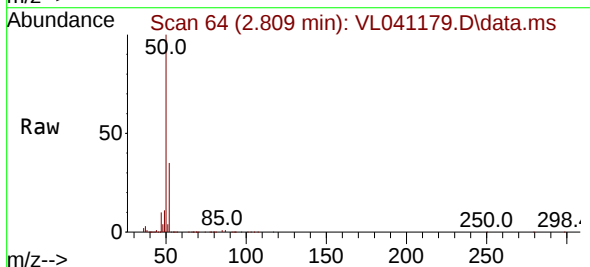
Tgt Ion: 51 Resp: 1571594
Ion Ratio Lower Upper
51 100
67 17.5 14.0 21.0

Manual Integrations
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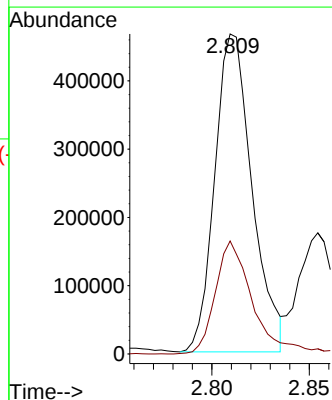
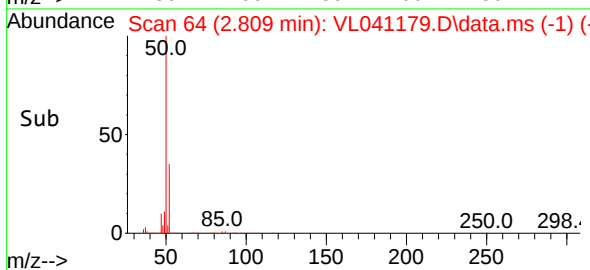
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

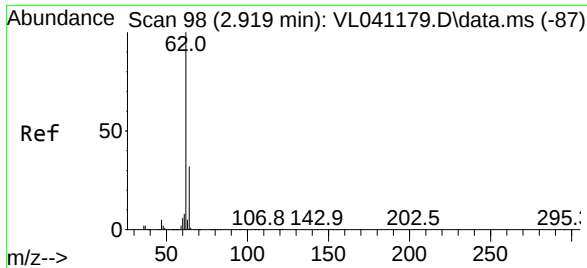


#4
Chloromethane
Concen: 9.183 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



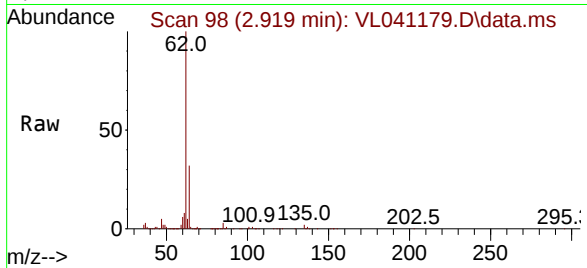
Tgt Ion: 50 Resp: 619576
Ion Ratio Lower Upper
50 100
52 35.4 28.3 42.5





#5
 Vinyl Chloride
 Concen: 9.722 ppbv
 RT: 2.919 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

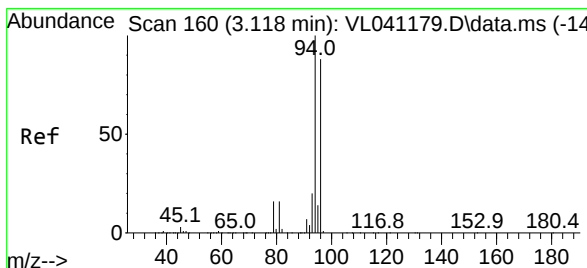
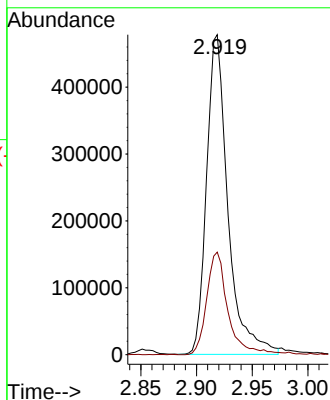
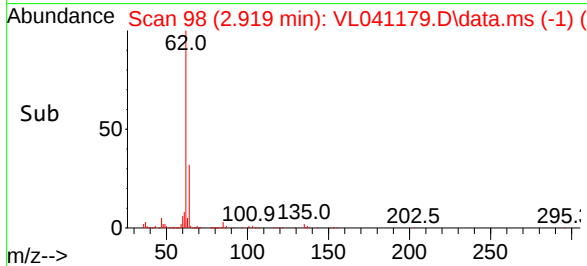
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 636172
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.7 38.5

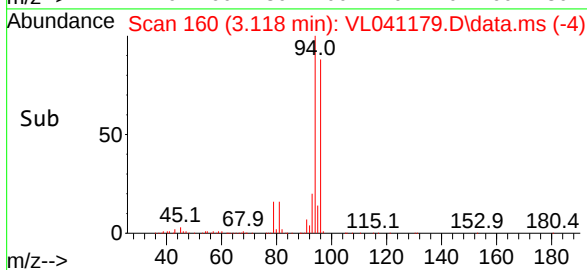
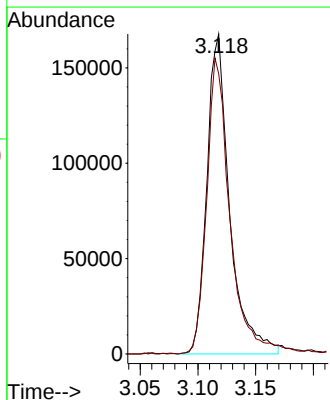
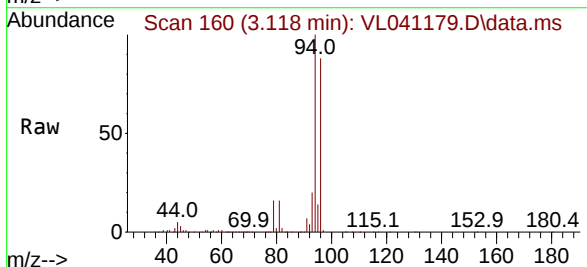
Manual Integrations
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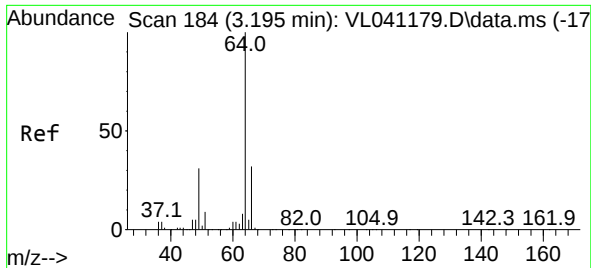
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#6
 Bromomethane
 Concen: 9.505 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

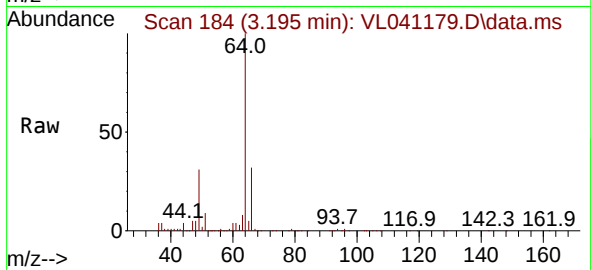
Tgt Ion: 94 Resp: 230428
 Ion Ratio Lower Upper
 94 100
 96 87.6 70.1 105.1





#7
Chloroethane
Concen: 9.313 ppbv
RT: 3.195 min Scan# 184
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

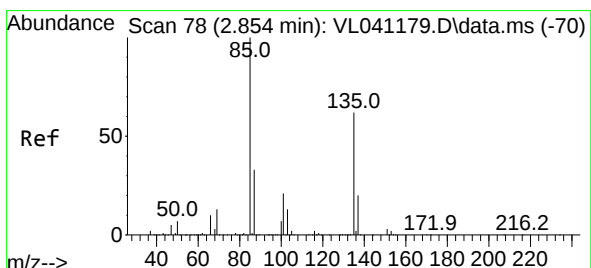
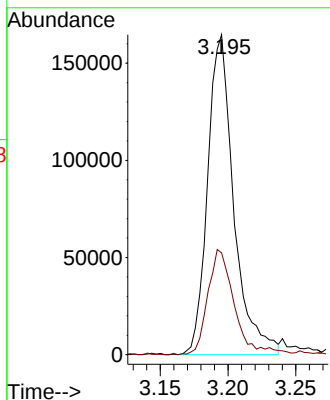
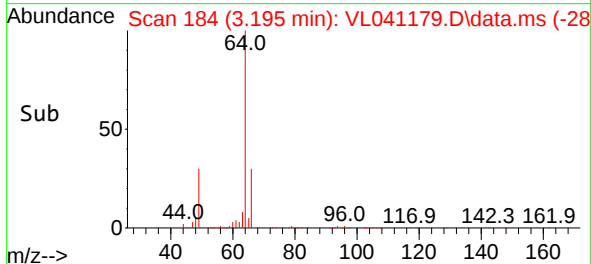
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 221085
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

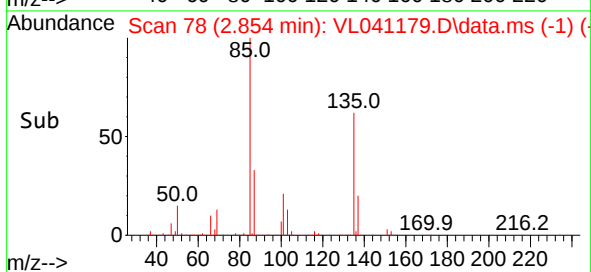
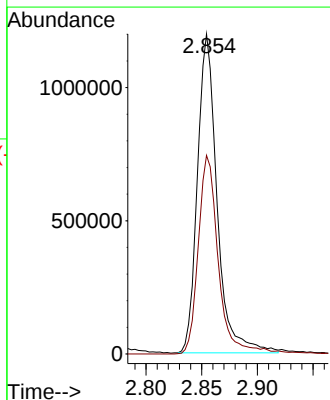
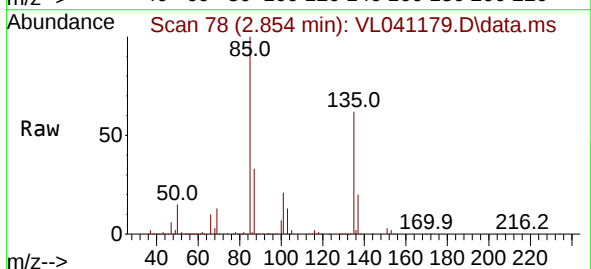
Manual Integrations
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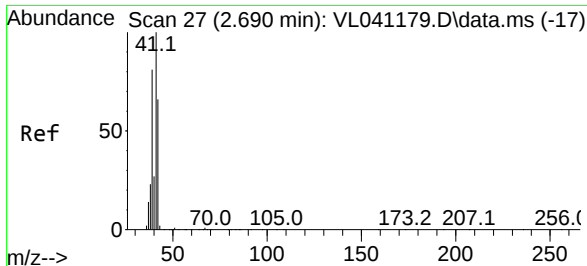
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Dichlorotetrafluoroethane
Concen: 9.484 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

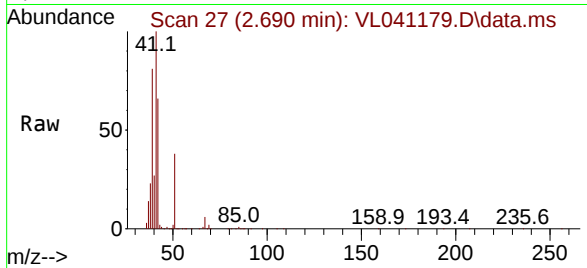
Tgt Ion: 85 Resp: 1473359
Ion Ratio Lower Upper
85 100
135 64.4 51.5 77.3





#9
 Propene
 Concen: 9.256 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

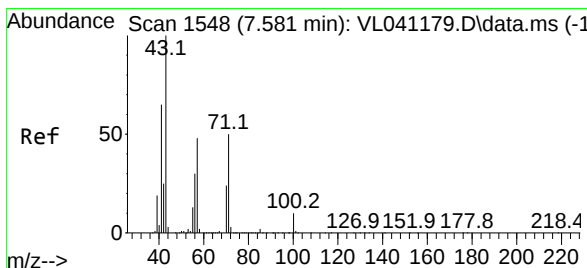
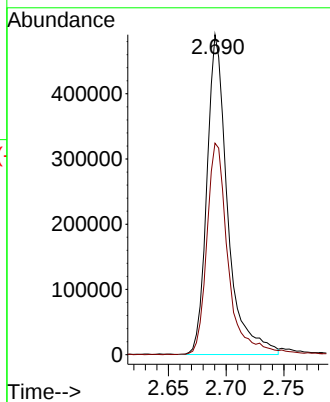
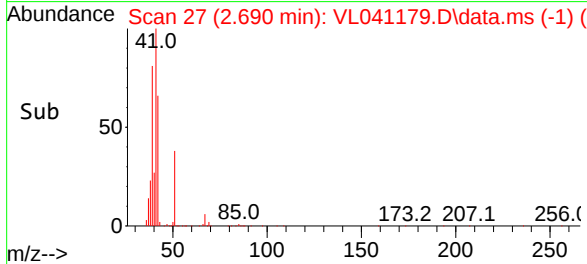
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 612278
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.3 82.9

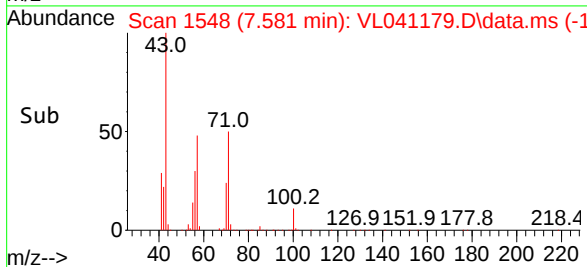
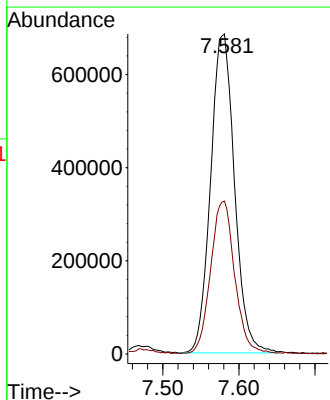
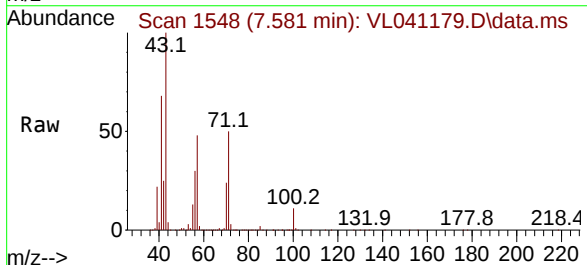
Manual Integrations
 APPROVED

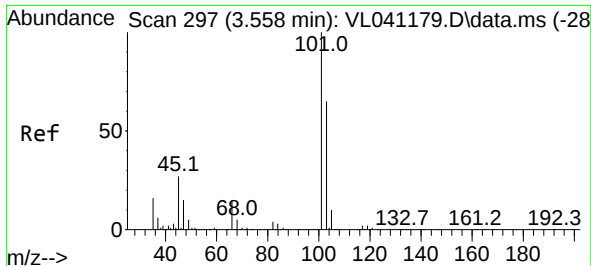
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#10
 Heptane
 Concen: 9.439 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

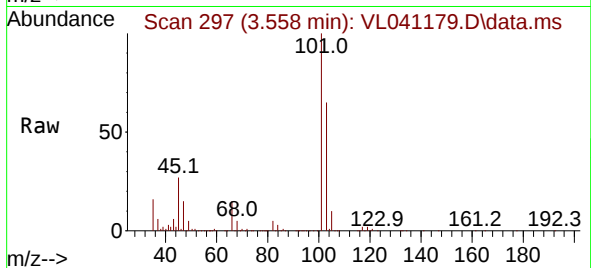
Tgt Ion: 43 Resp: 1494893
 Ion Ratio Lower Upper
 43 100
 57 48.4 38.7 58.1





#11
Trichlorofluoromethane
Concen: 9.581 ppbv
RT: 3.558 min Scan# 297
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

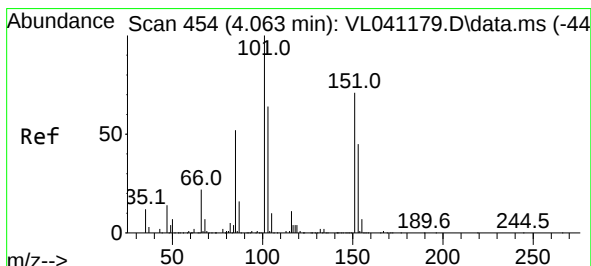
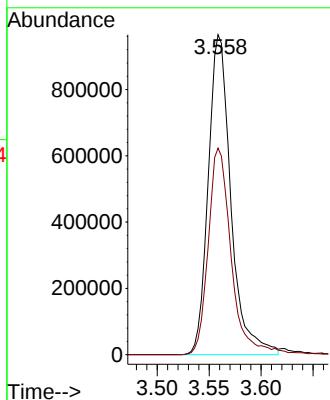
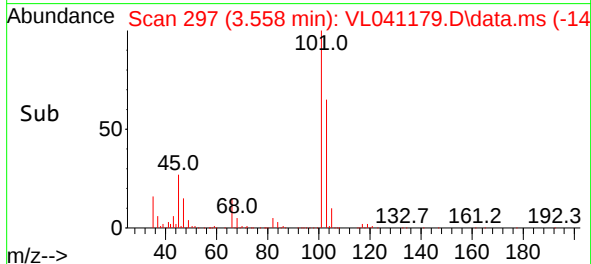
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 1462629
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

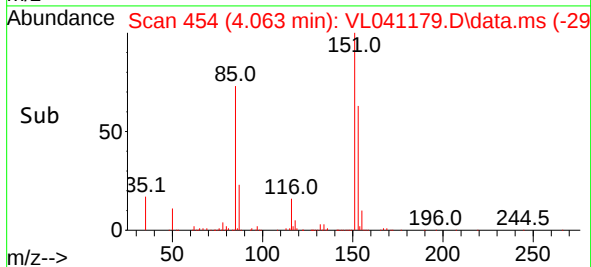
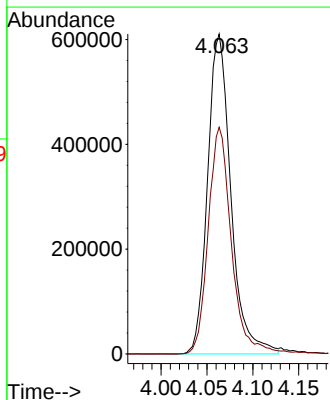
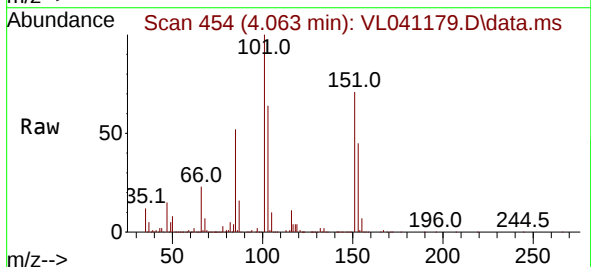
Manual Integrations
APPROVED

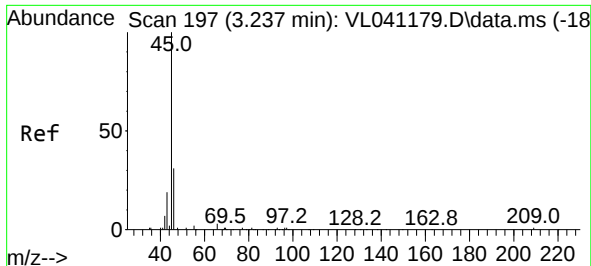
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.474 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

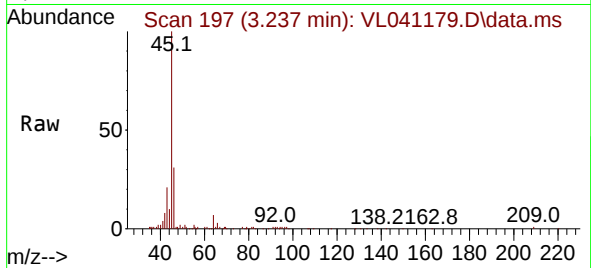
Tgt Ion:101 Resp: 1080552
Ion Ratio Lower Upper
101 100
151 71.0 56.8 85.2





#13
Ethanol
Concen: 10.525 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

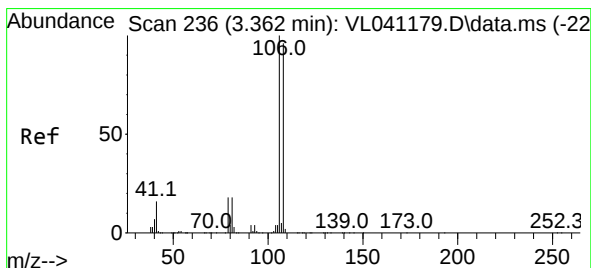
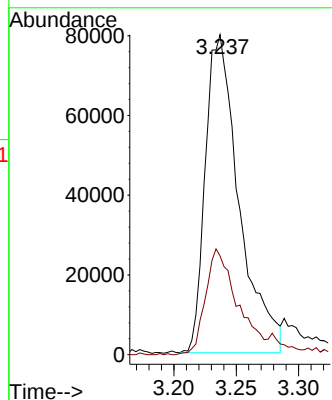
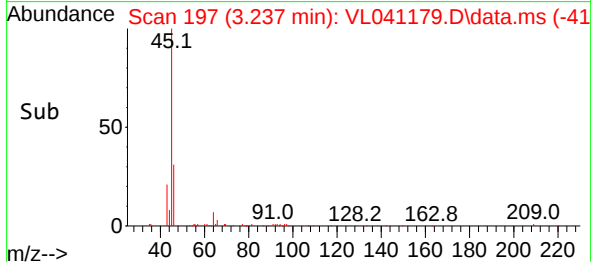
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



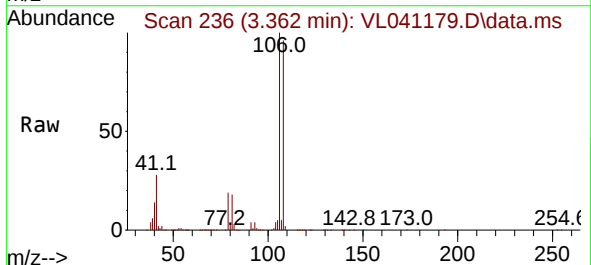
Tgt Ion: 45 Resp: 150372
Ion Ratio Lower Upper
45 100
46 36.9 14.8 59.0

Manual Integrations
APPROVED

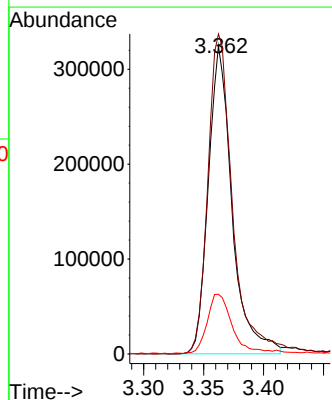
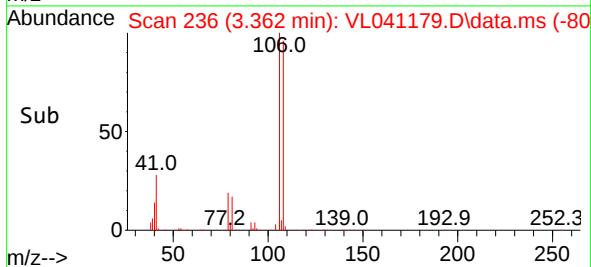
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

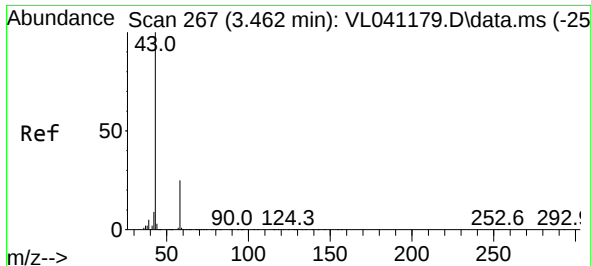


#14
Bromoethene
Concen: 9.399 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



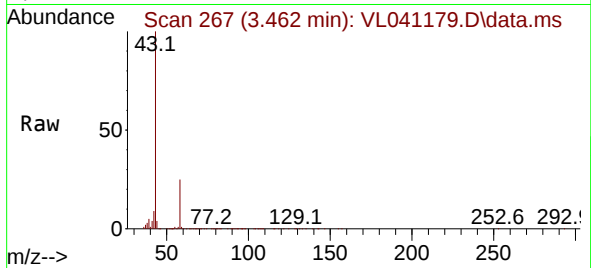
Tgt Ion:108 Resp: 446546
Ion Ratio Lower Upper
108 100
106 110.3 88.2 132.4
79 21.7 17.4 26.0





#15
Acetone
Concen: 8.517 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

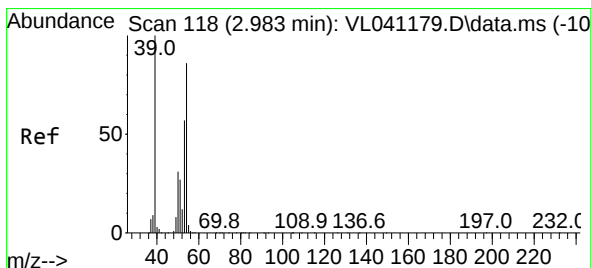
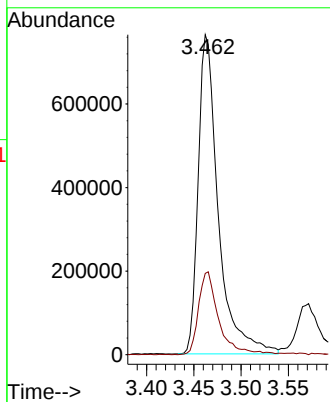
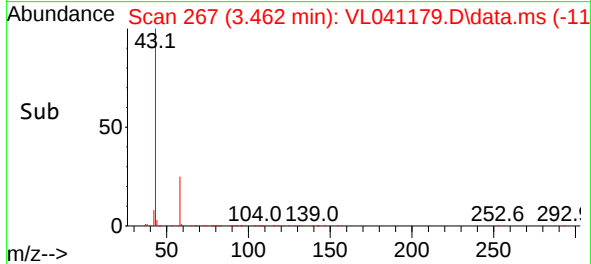
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 113054
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.0

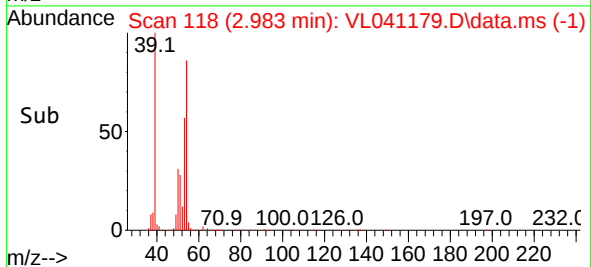
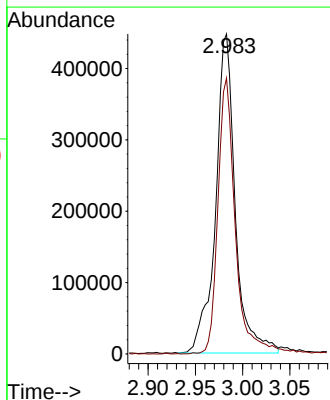
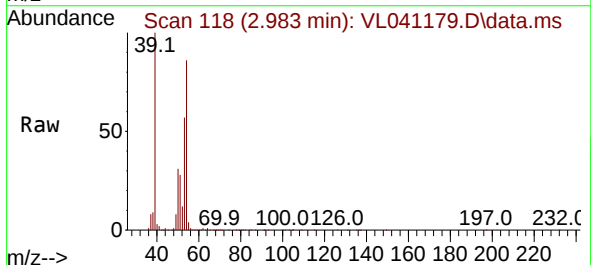
Manual Integrations
APPROVED

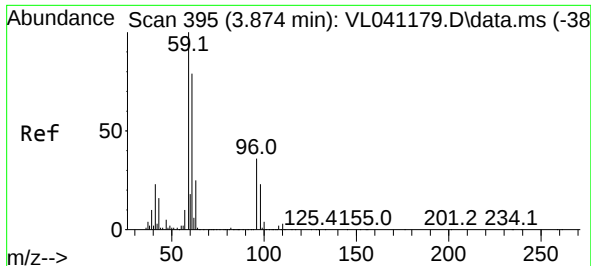
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#16
1,3-Butadiene
Concen: 9.833 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 39 Resp: 648785
Ion Ratio Lower Upper
39 100
54 77.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 10.212 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 146507

Ion Ratio Lower Upper

59 100

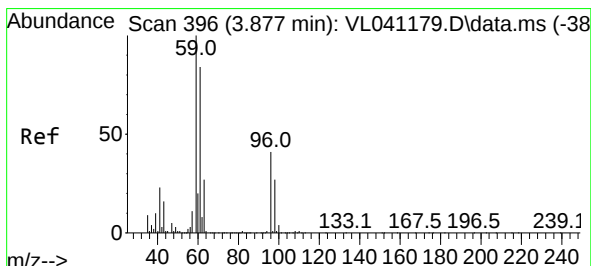
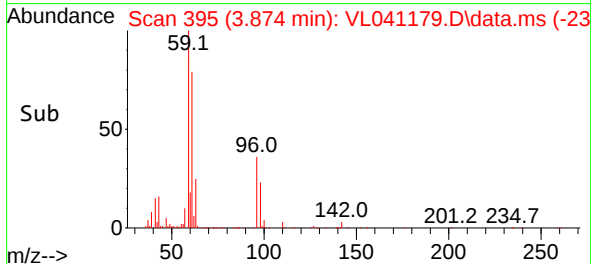
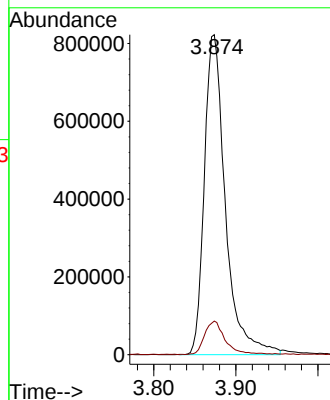
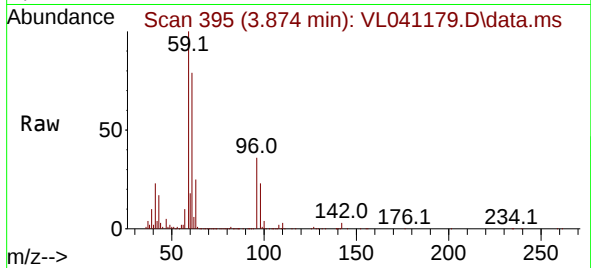
57 10.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#18

1,1-Dichloroethene

Concen: 9.335 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

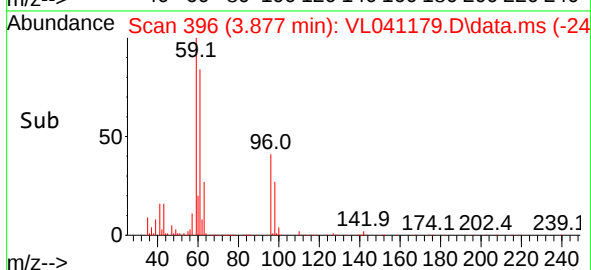
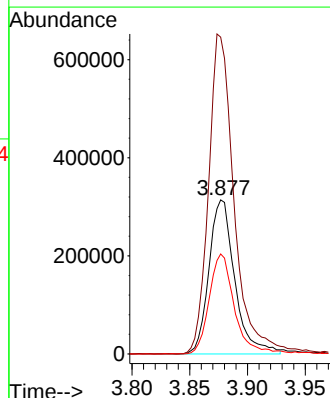
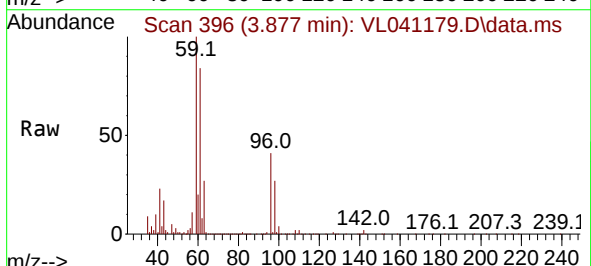
Tgt Ion: 96 Resp: 488404

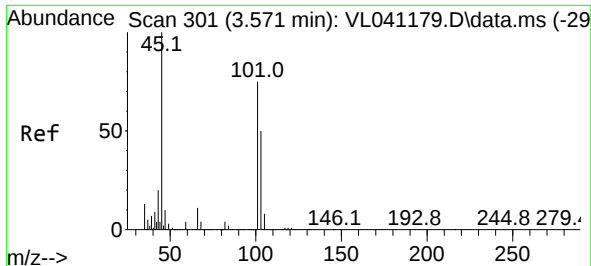
Ion Ratio Lower Upper

96 100

61 205.5 164.4 246.6

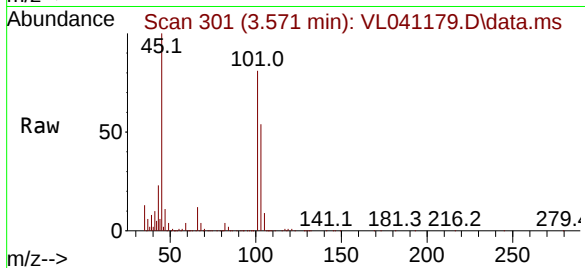
98 64.8 51.8 77.8





#19
Isopropyl Alcohol
Concen: 10.436 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

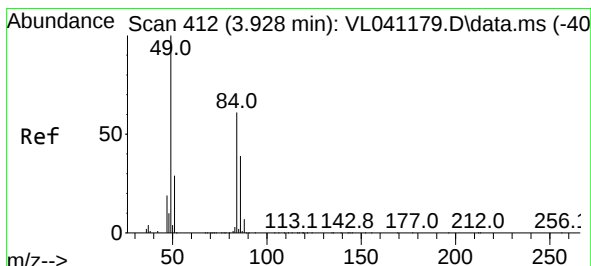
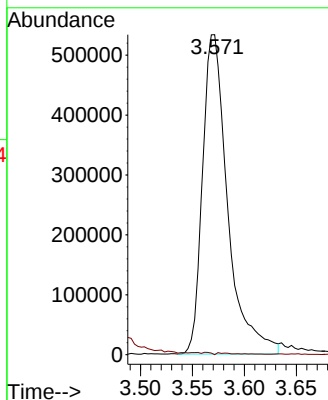
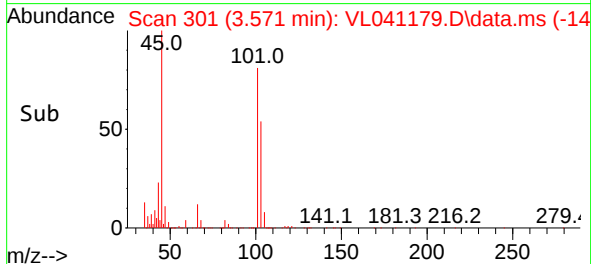
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



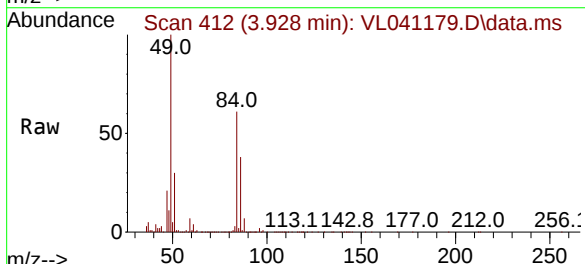
Tgt Ion: 45 Resp: 900488
Ion Ratio Lower Upper
45 100
58 33.5 26.8 40.2

Manual Integrations
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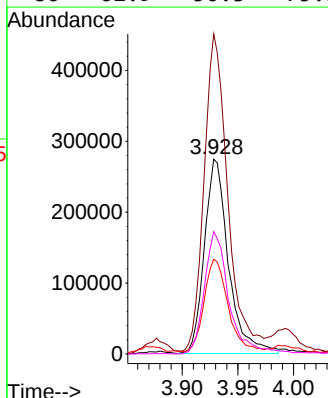
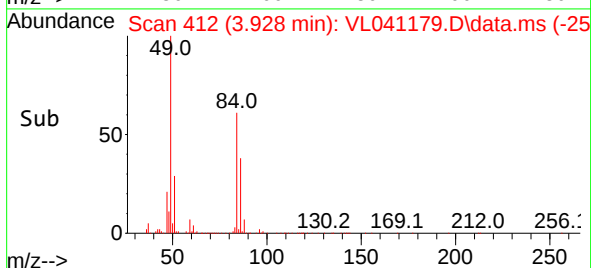
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

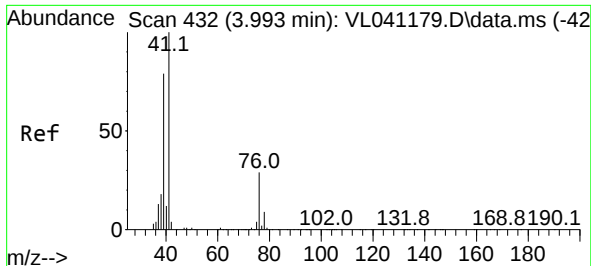


#20
Methylene Chloride
Concen: 8.985 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



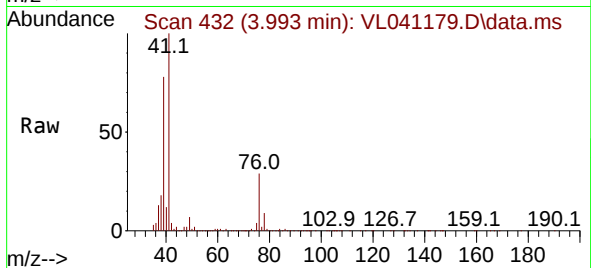
Tgt Ion: 84 Resp: 414071
Ion Ratio Lower Upper
84 100
49 163.0 130.4 195.6
51 47.5 38.0 57.0
86 62.9 50.3 75.5





#21
 Allyl Chloride
 Concen: 9.377 ppbv
 RT: 3.993 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

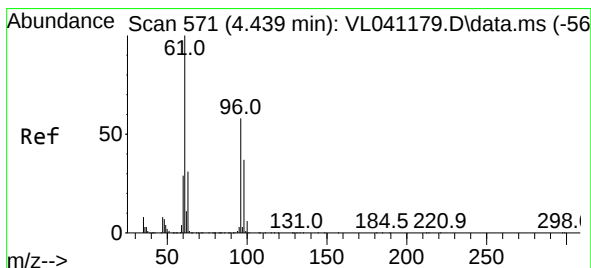
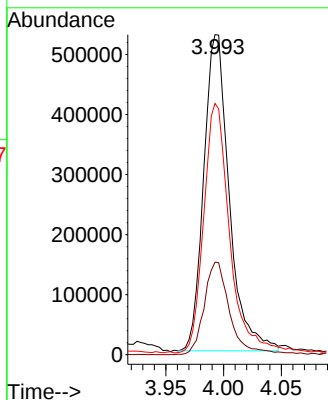
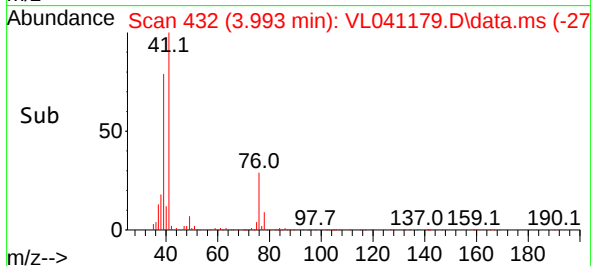
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



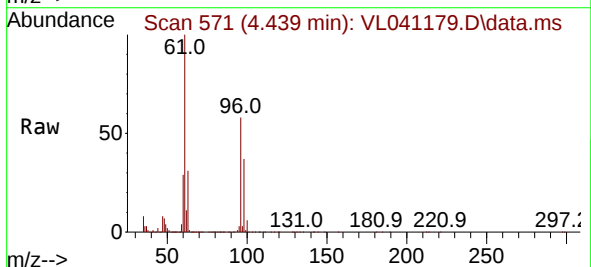
Tgt Ion: 41 Resp: 810802
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.7 35.5
 39 80.9 64.7 97.1

Manual Integrations
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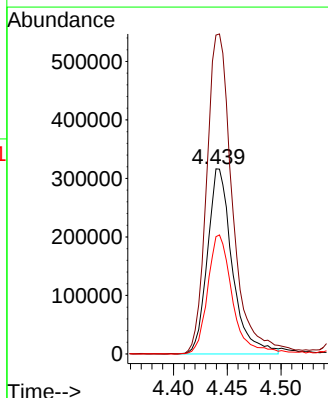
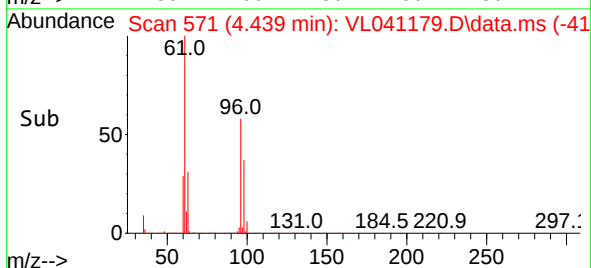
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

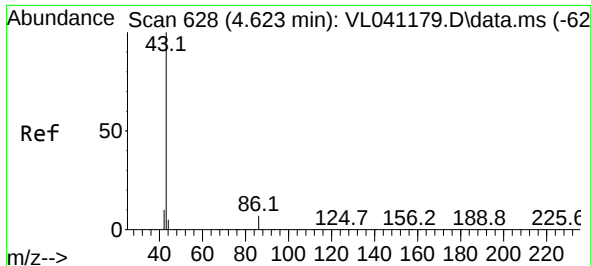


#22
 trans-1,2-Dichloroethene
 Concen: 9.833 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27



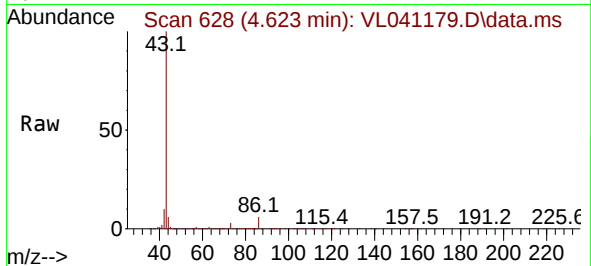
Tgt Ion: 96 Resp: 507866
 Ion Ratio Lower Upper
 96 100
 61 172.0 137.6 206.4
 98 63.3 50.6 76.0





#23
 Vinyl Acetate
 Concen: 9.618 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

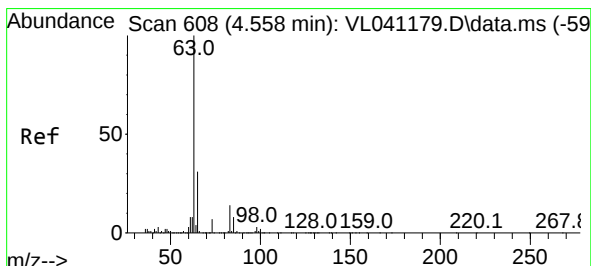
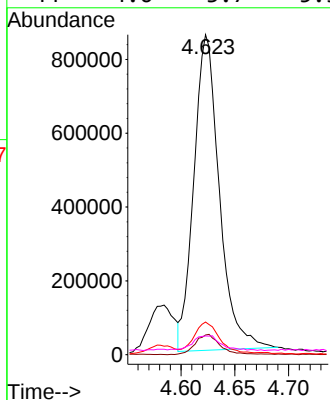
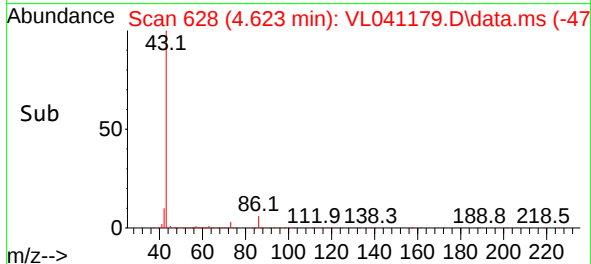
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



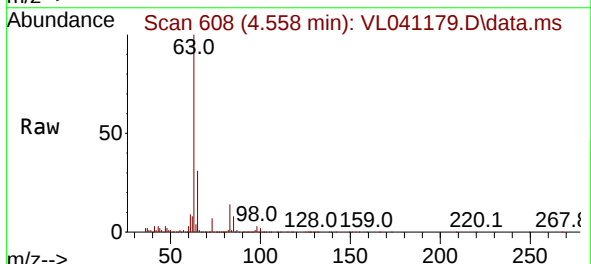
Tgt Ion: 43 Resp: 1408214
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 10.0 8.0 12.0
 44 4.6 3.7 5.5

Manual Integrations
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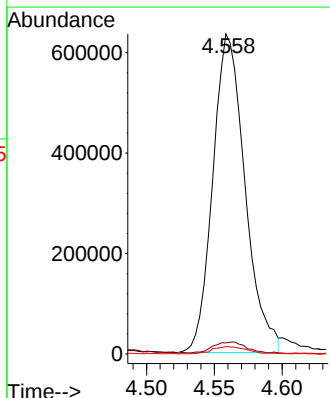
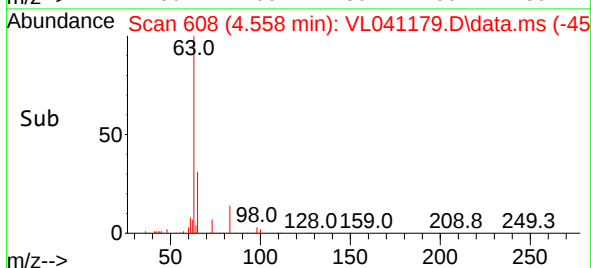
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

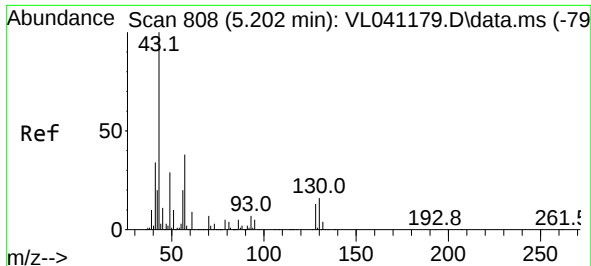


#24
 1,1-Dichloroethane
 Concen: 9.279 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27



Tgt Ion: 63 Resp: 1047058
 Ion Ratio Lower Upper
 63 100
 98 3.2 1.6 4.8
 100 2.3 1.1 3.5





#25

Ethyl Acetate

Concen: 9.447 ppbv

RT: 5.202 min Scan# 80

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 2459540

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 9.6 7.7 11.5

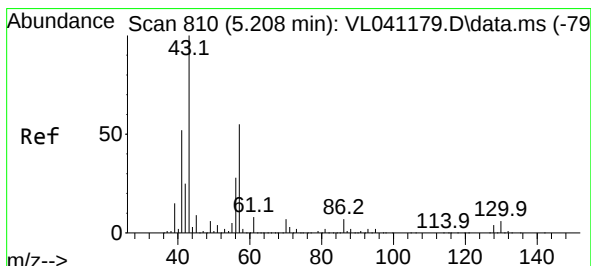
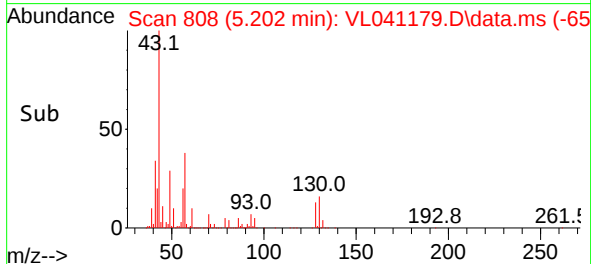
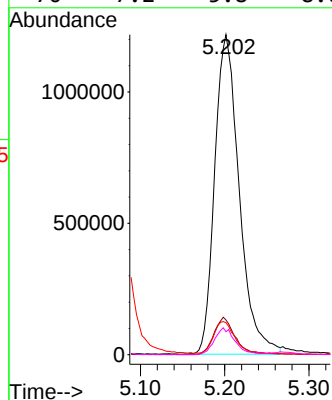
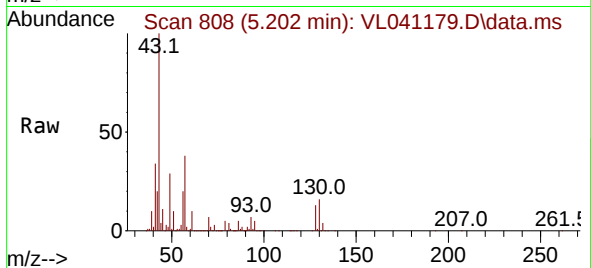
70 7.2 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#26

Hexane

Concen: 9.310 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion: 57 Resp: 1072778

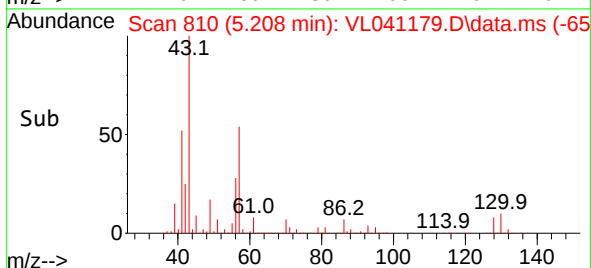
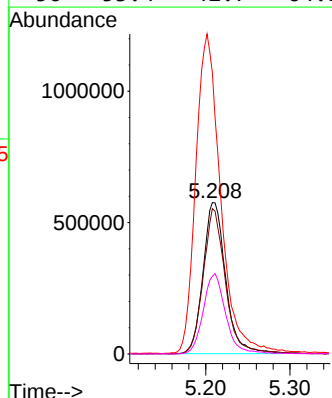
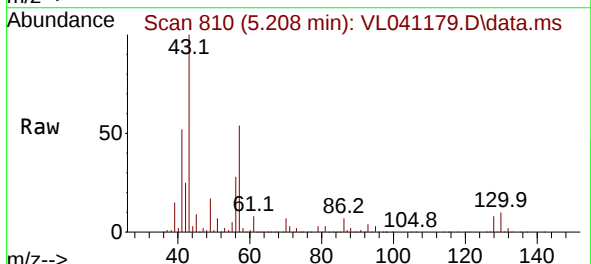
Ion Ratio Lower Upper

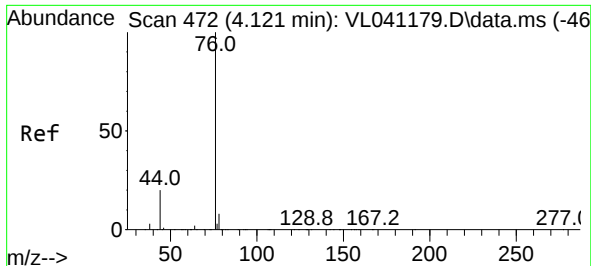
57 100

41 94.8 75.8 113.8

43 233.7 187.0 280.4

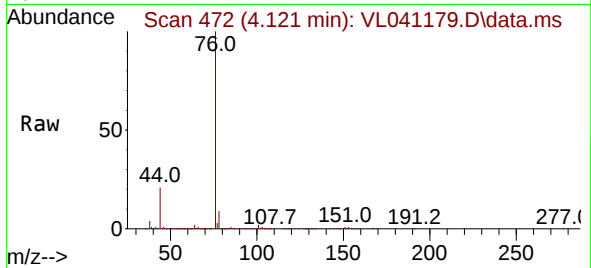
56 53.4 42.7 64.1





#27
Carbon Disulfide
Concen: 9.875 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

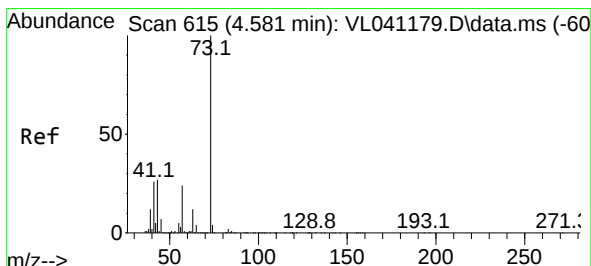
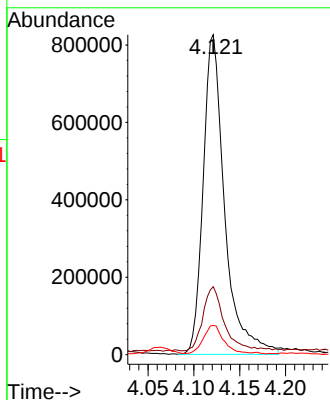
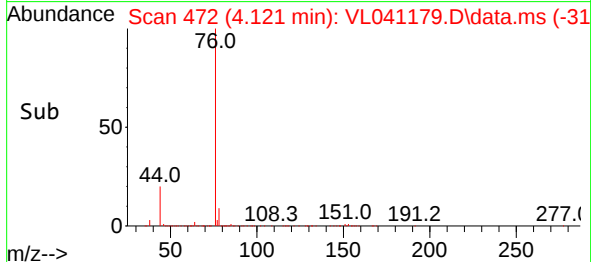
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



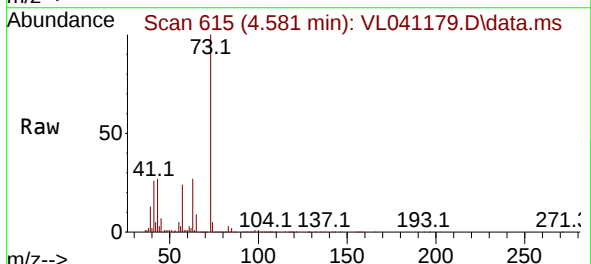
Tgt Ion: 76 Resp: 1349580
Ion Ratio Lower Upper
76 100
44 20.4 16.3 24.5
78 9.1 7.3 10.9

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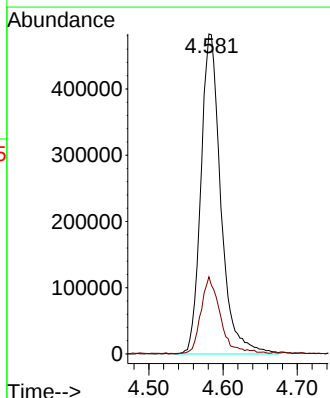
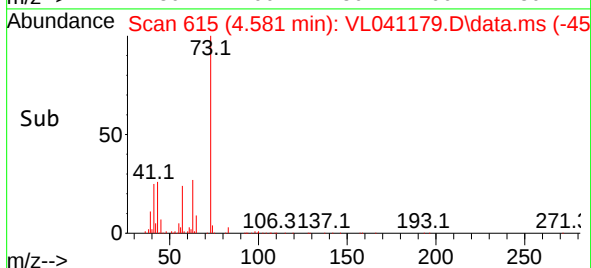
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

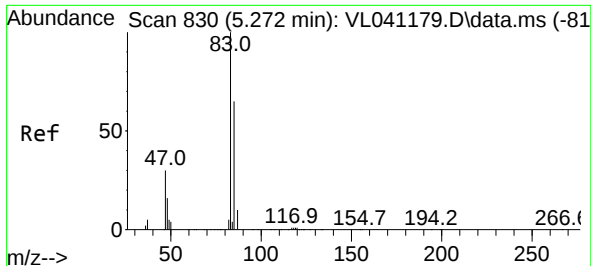


#28
Methyl tert-Butyl Ether
Concen: 9.581 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



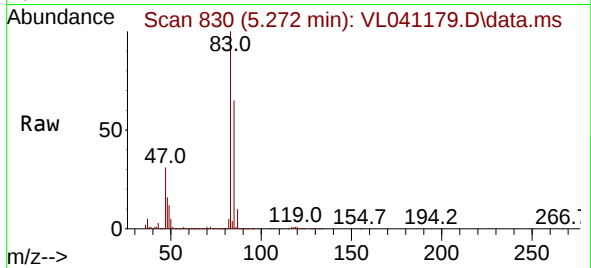
Tgt Ion: 73 Resp: 898633
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29
Chloroform
Concen: 9.479 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

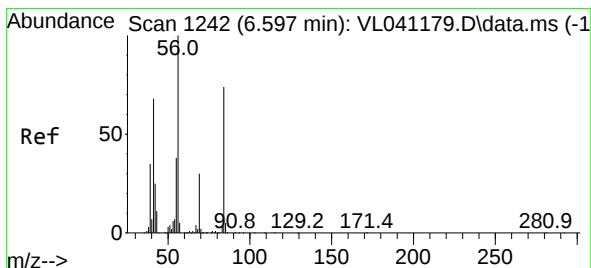
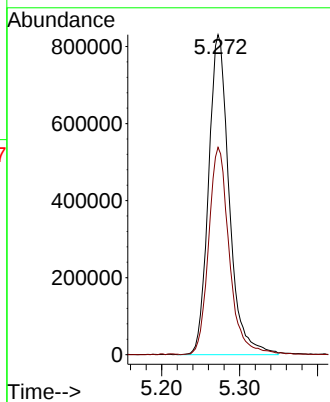
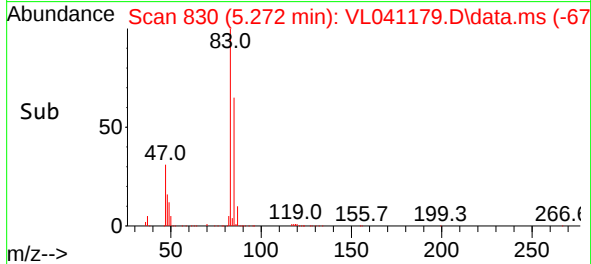
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 152445
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

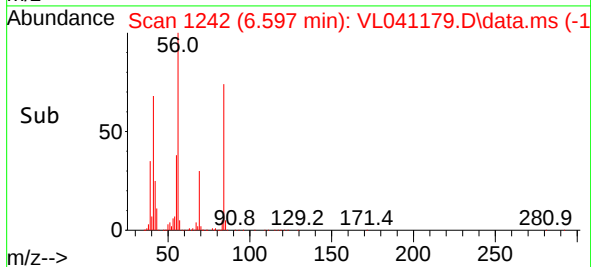
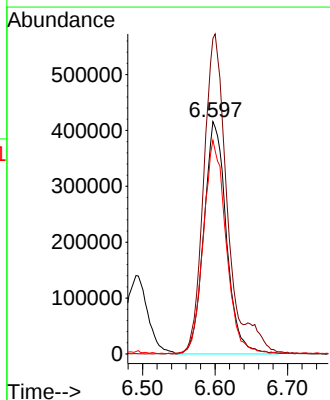
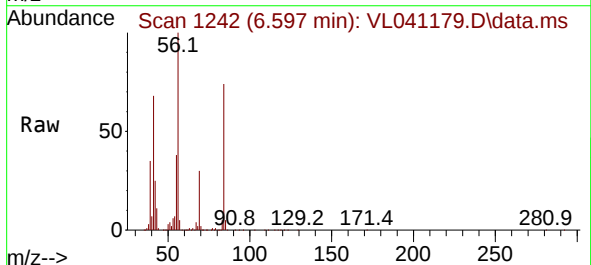
Manual Integrations
APPROVED

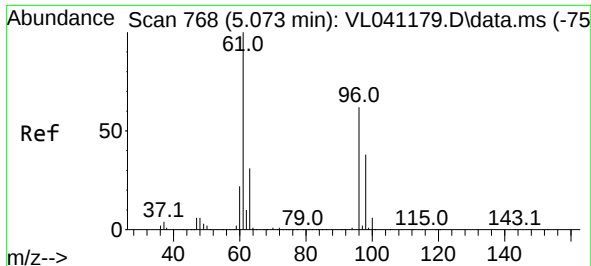
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#30
Cyclohexane
Concen: 9.456 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

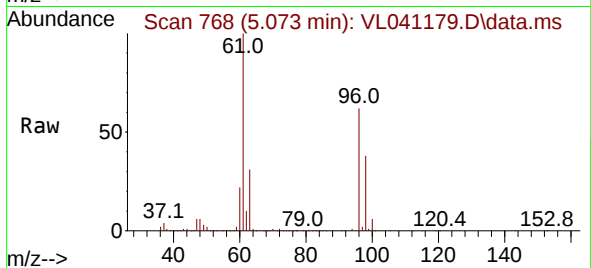
Tgt Ion: 84 Resp: 894175
Ion Ratio Lower Upper
84 100
56 146.0 116.8 175.2
41 92.3 73.8 110.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.570 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

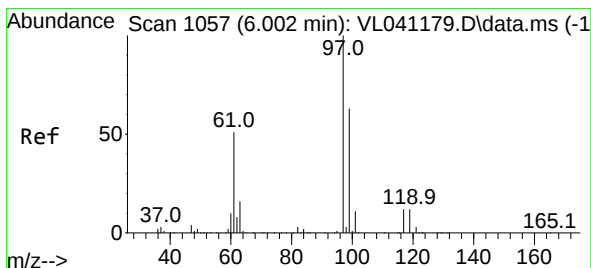
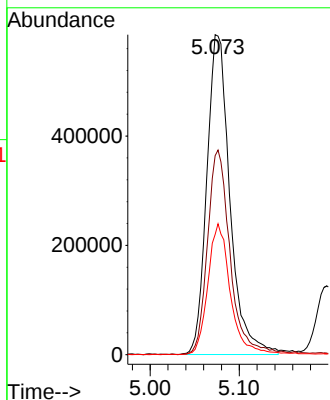
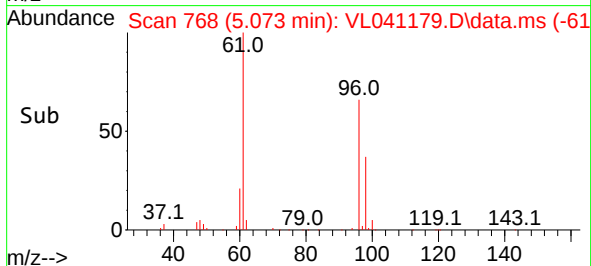
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



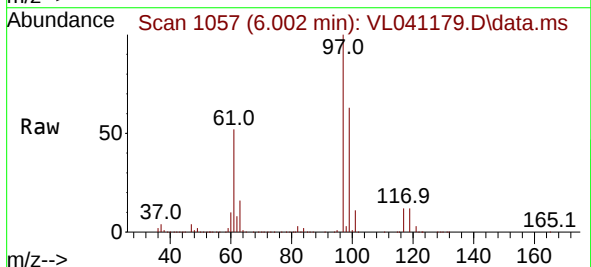
Tgt Ion: 61 Resp: 105587
 Ion Ratio Lower Upper
 61 100
 96 62.2 49.8 74.6
 98 37.5 30.0 45.0

Manual Integrations
 APPROVED

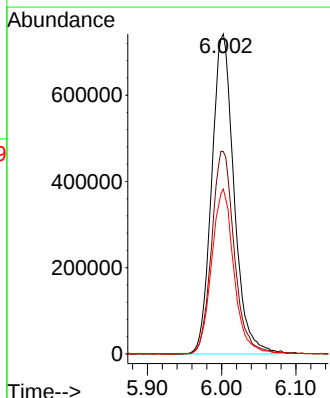
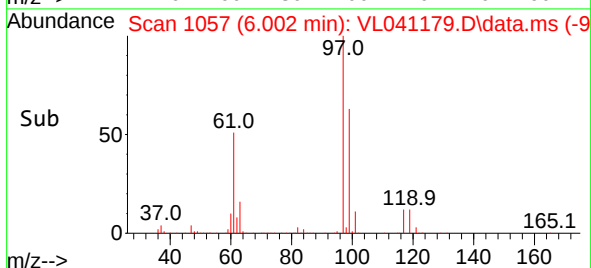
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

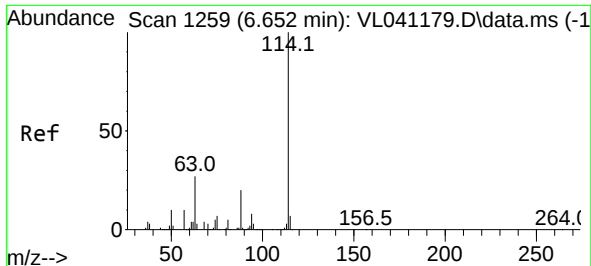


#32
 1,1,1-Trichloroethane
 Concen: 9.590 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27



Tgt Ion: 97 Resp: 1547693
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 51.4 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 278807

Ion Ratio Lower Upper

114 100

63 27.2 21.8 32.6

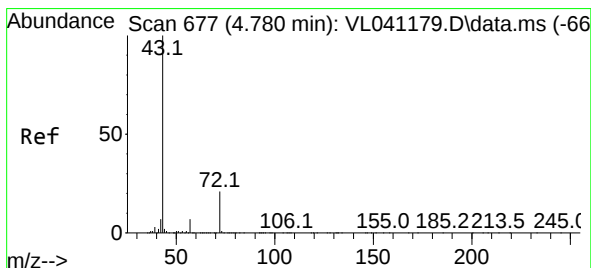
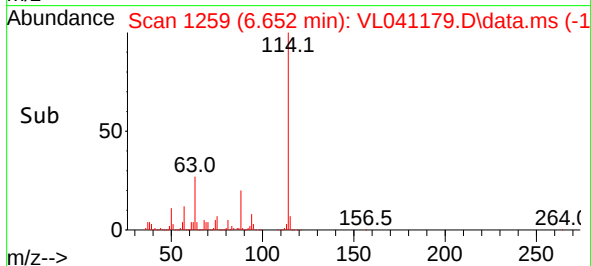
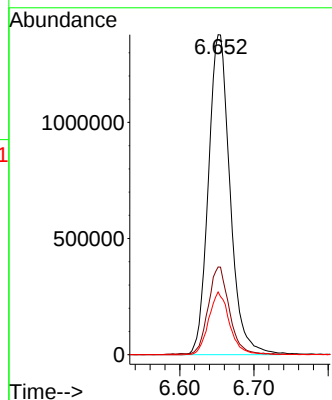
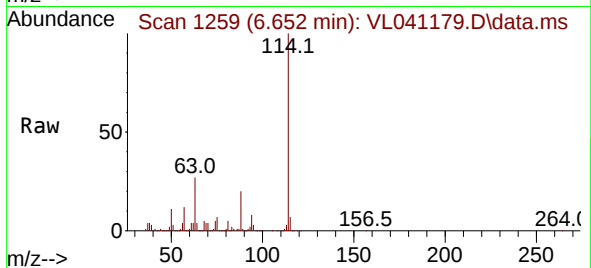
88 19.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#34

2-Butanone

Concen: 9.084 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL041179.D

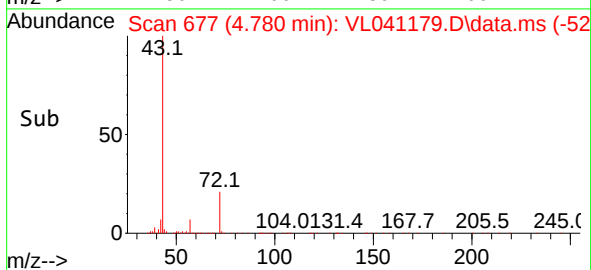
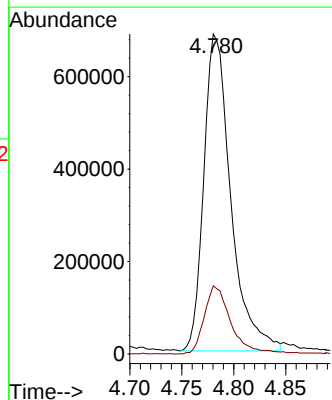
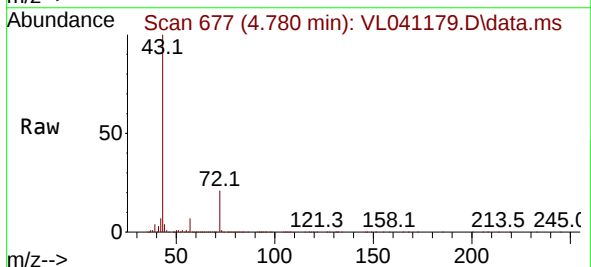
Acq: 29 Apr 2024 11:27

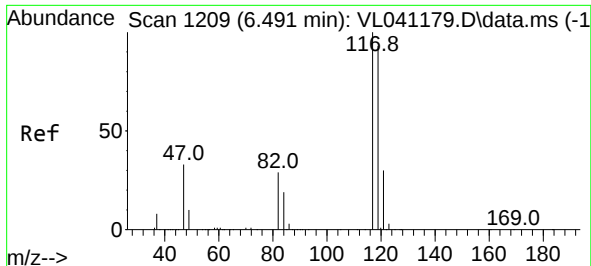
Tgt Ion: 43 Resp: 1239148

Ion Ratio Lower Upper

43 100

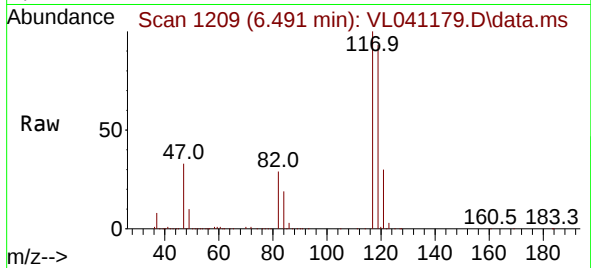
72 21.6 17.3 25.9





#35
Carbon Tetrachloride
Concen: 9.750 ppbv
RT: 6.491 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

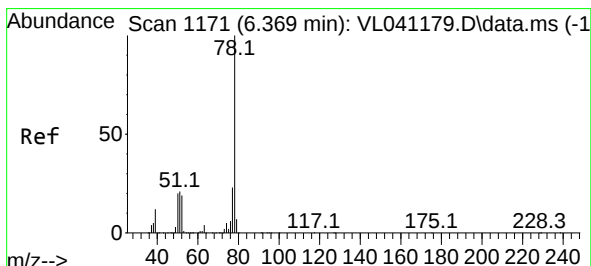
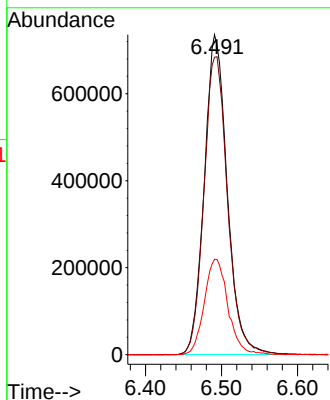
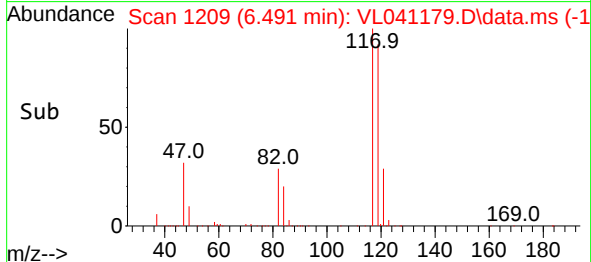
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 1542679
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 29.8 23.8 35.8

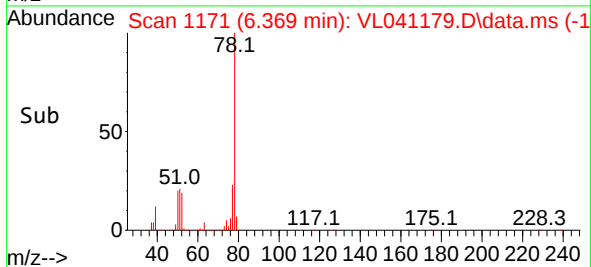
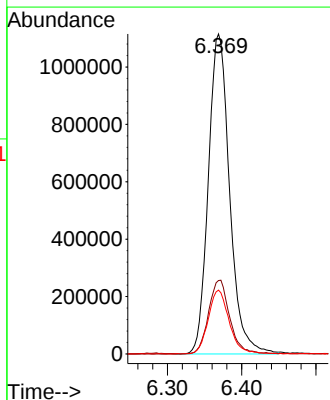
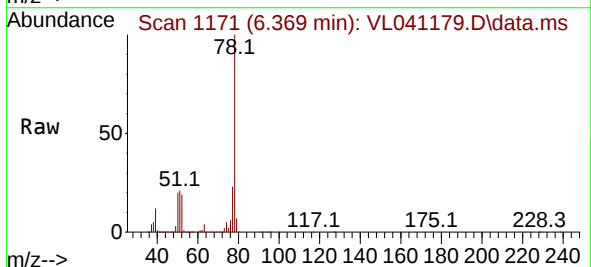
Manual Integrations
APPROVED

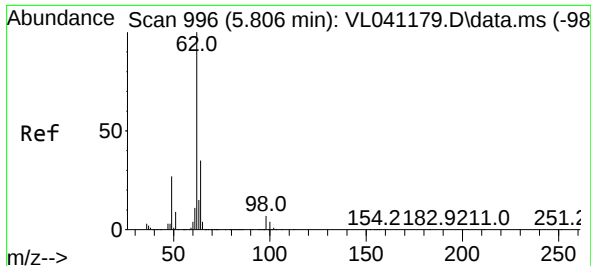
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
Benzene
Concen: 9.469 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

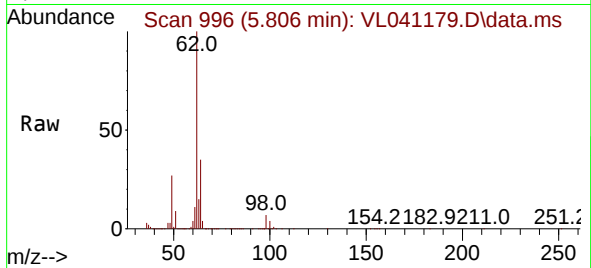
Tgt Ion: 78 Resp: 2221090
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
50 19.9 15.9 23.9





#37
1,2-Dichloroethane
Concen: 9.675 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

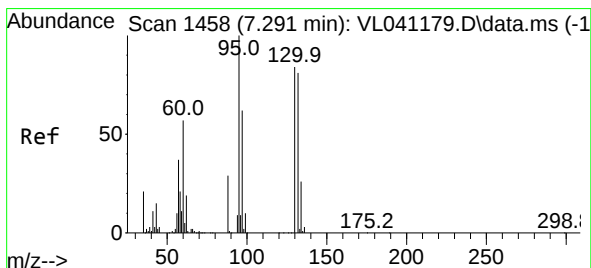
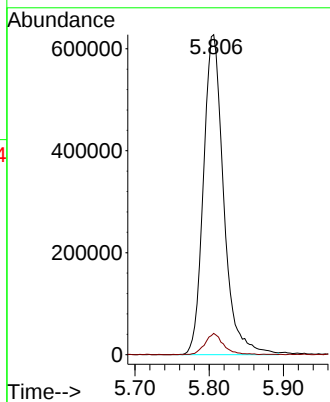
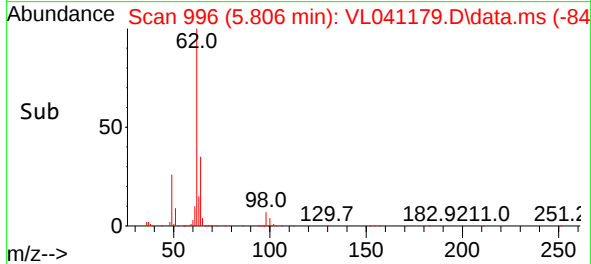
Instrument :
MSVOA_L
Client Sample Id :
VSTDICCC010



Tgt Ion: 62 Resp: 118727
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

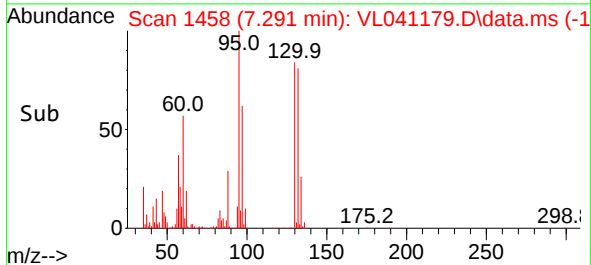
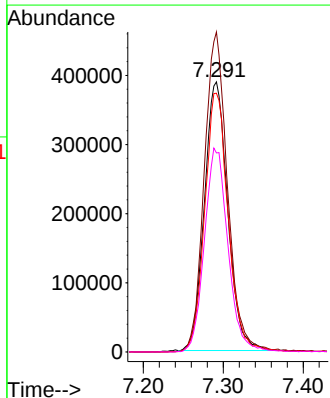
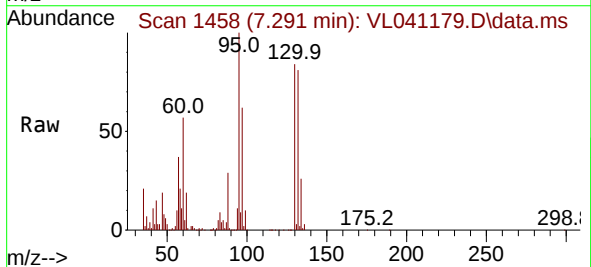
Manual Integrations
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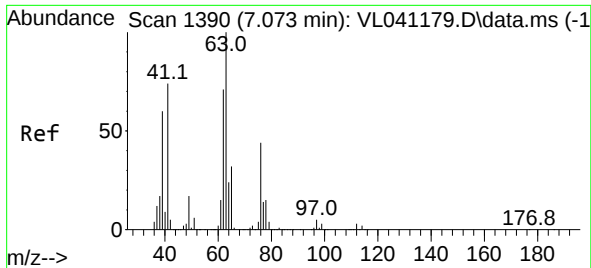
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#38
Trichloroethene
Concen: 8.917 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

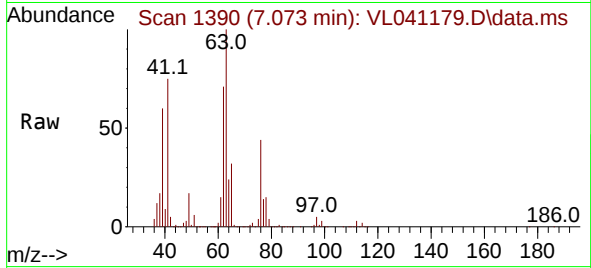
Tgt Ion:130 Resp: 789647
Ion Ratio Lower Upper
130 100
95 118.8 95.0 142.6
132 96.2 77.0 115.4
97 73.9 59.1 88.7





#39
 1,2-Dichloropropane
 Concen: 9.571 ppbv
 RT: 7.073 min Scan# 1390
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

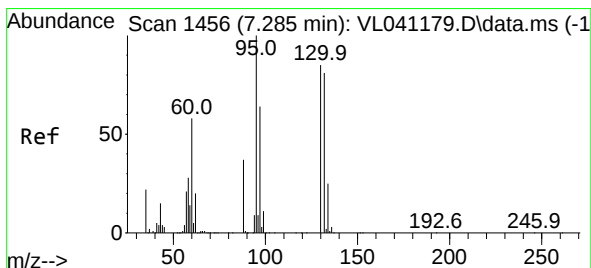
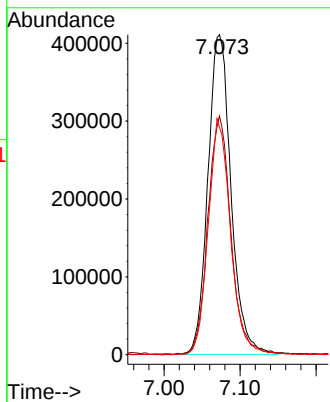
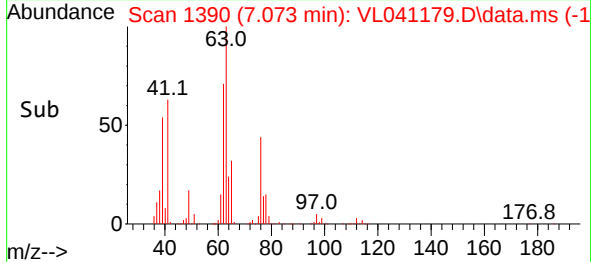
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



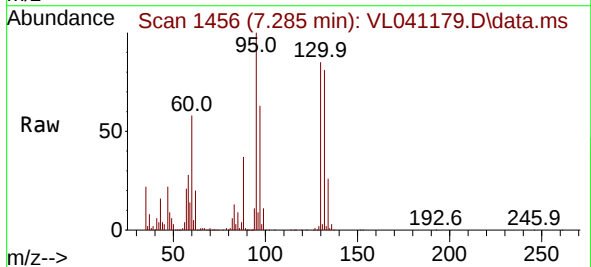
Tgt Ion: 63 Resp: 867244
 Ion Ratio Lower Upper
 63 100
 41 74.2 59.4 89.0
 62 71.0 56.8 85.2

Manual Integrations
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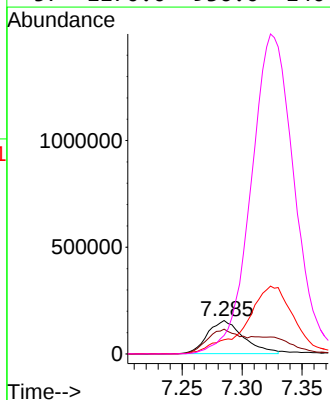
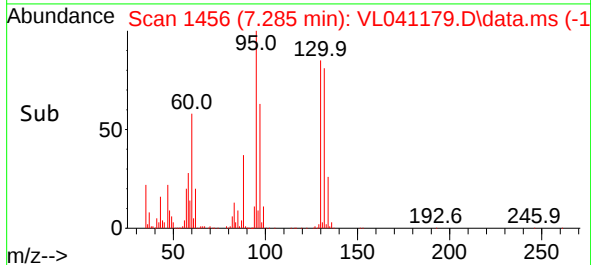
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

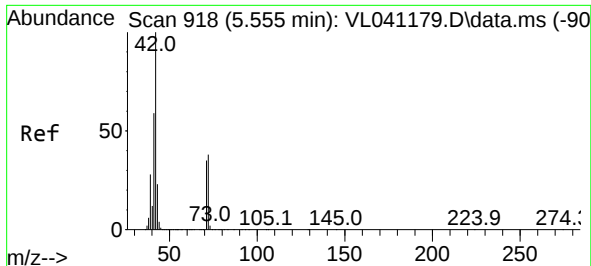


#40
 1,4-Dioxane
 Concen: 10.001 ppbv
 RT: 7.285 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27



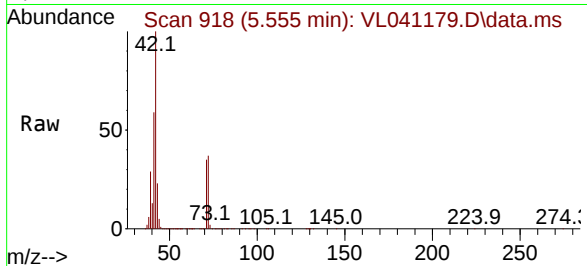
Tgt Ion: 88 Resp: 323620
 Ion Ratio Lower Upper
 88 100
 58 132.6 106.1 159.1
 43 274.7 219.8 329.6
 57 1170.0 936.0 1404.0





#41
Tetrahydrofuran
Concen: 9.770 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

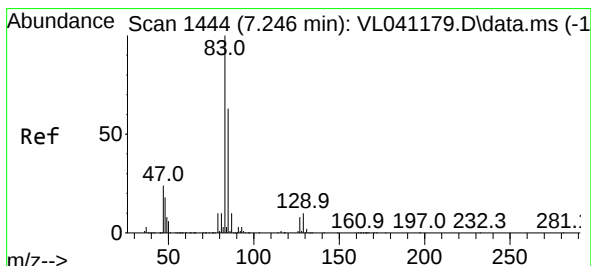
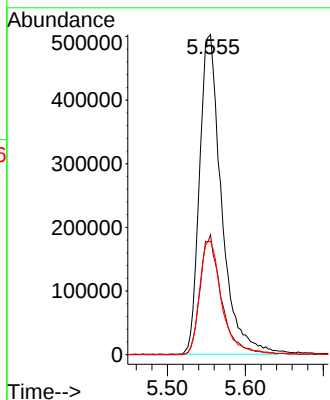
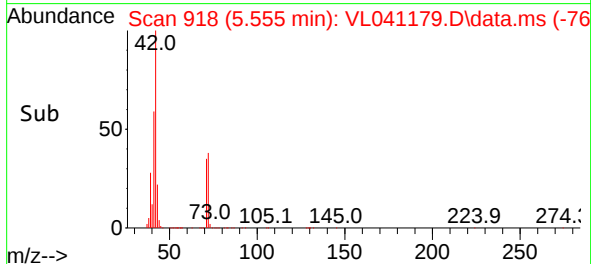
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 98536
Ion Ratio Lower Upper
42 100
72 36.7 29.4 44.0
71 36.4 29.1 43.7

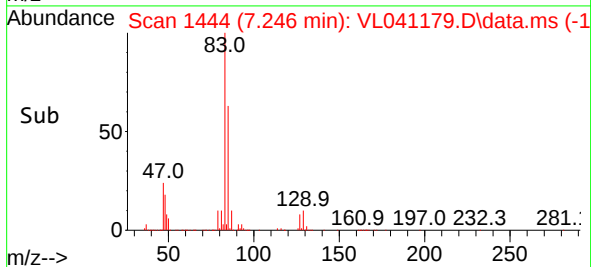
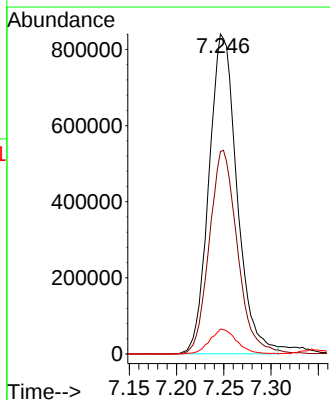
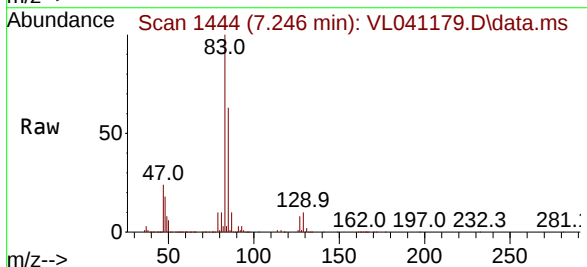
Manual Integrations
APPROVED

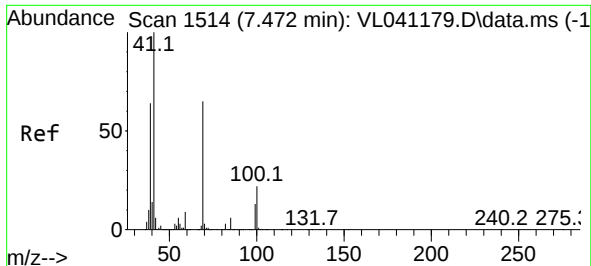
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#42
Bromodichloromethane
Concen: 9.681 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 83 Resp: 1734607
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 7.8 6.2 9.4





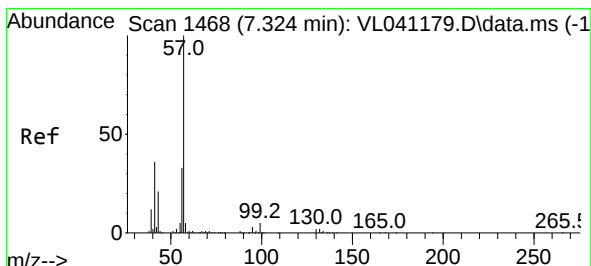
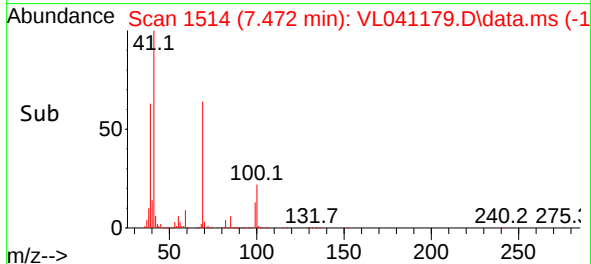
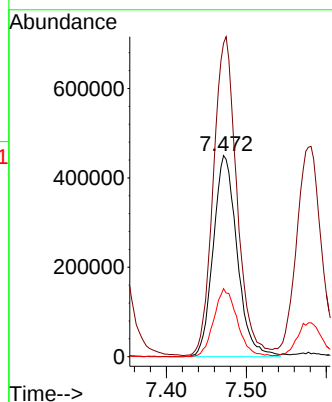
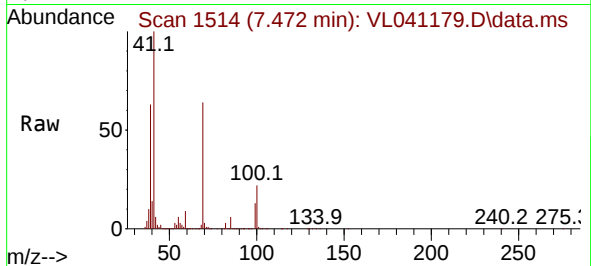
#43
Methyl Methacrylate
Concen: 9.680 ppbv
RT: 7.472 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 93163
Ion Ratio Lower Upper
69 100
41 156.5 125.2 187.8
100 33.4 26.7 40.1

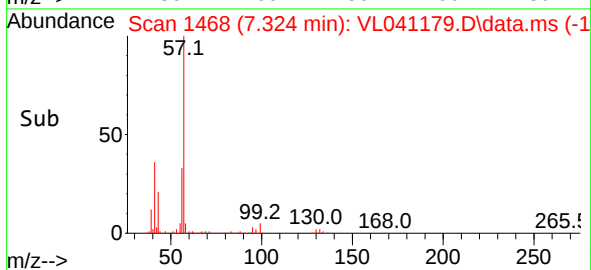
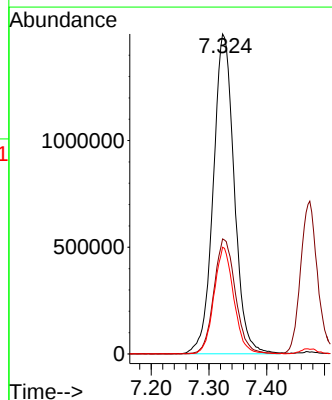
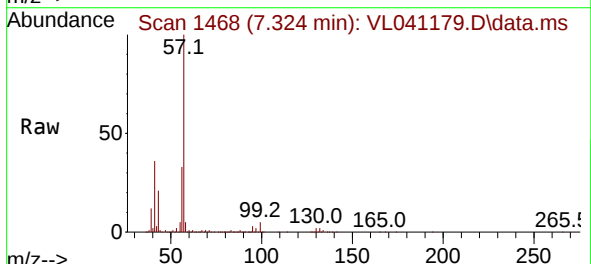
Manual Integrations
APPROVED

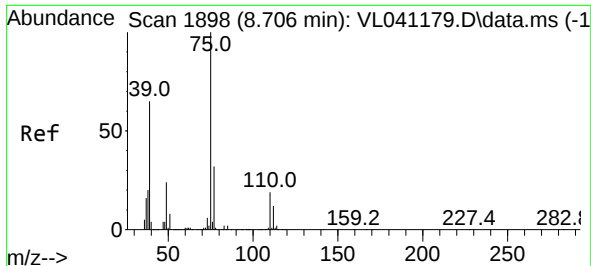
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
2,2,4-Trimethylpentane
Concen: 9.304 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 57 Resp: 3777756
Ion Ratio Lower Upper
57 100
41 36.9 29.5 44.3
56 31.6 25.3 37.9





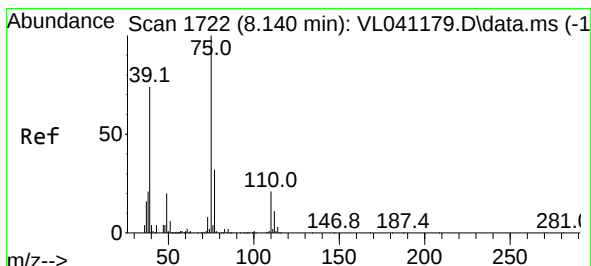
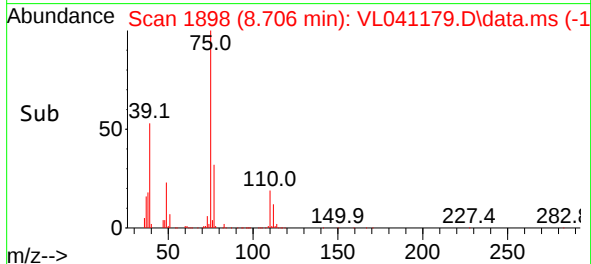
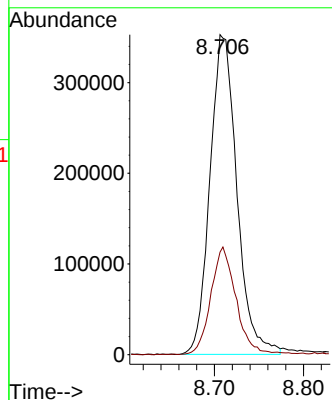
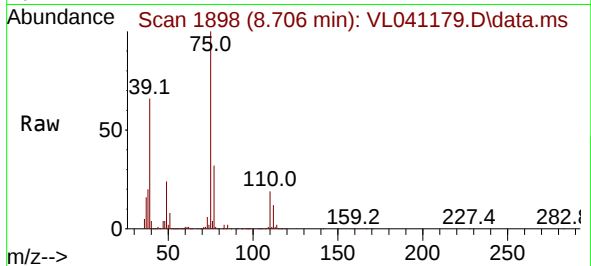
#45
t-1,3-Dichloropropene
Concen: 10.513 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 740808
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

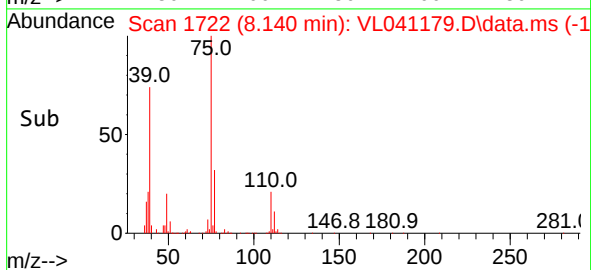
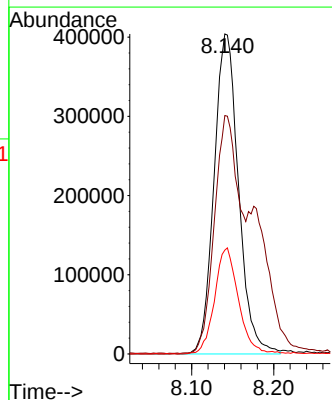
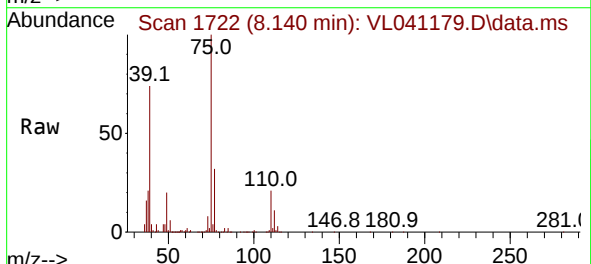
Manual Integrations
APPROVED

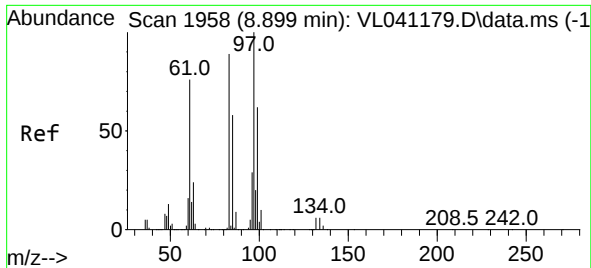
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
cis-1,3-Dichloropropene
Concen: 9.830 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

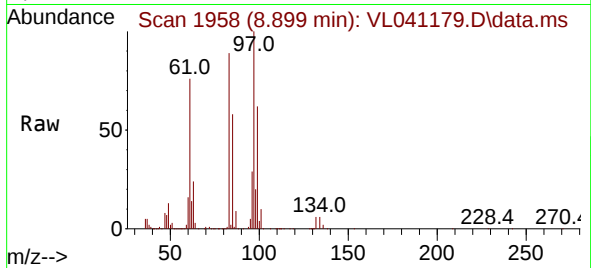
Tgt Ion: 75 Resp: 838573
Ion Ratio Lower Upper
75 100
39 74.3 59.4 89.2
77 32.4 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 9.566 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

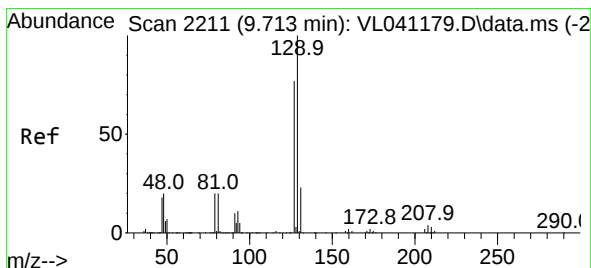
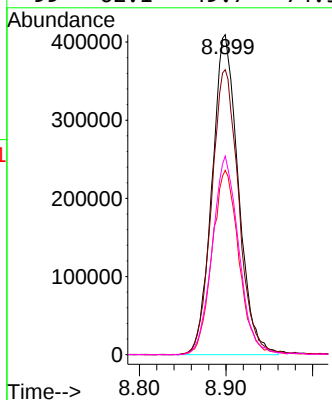
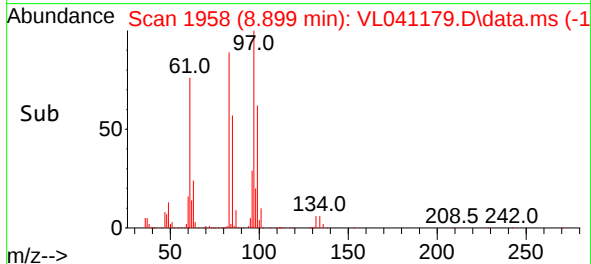
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



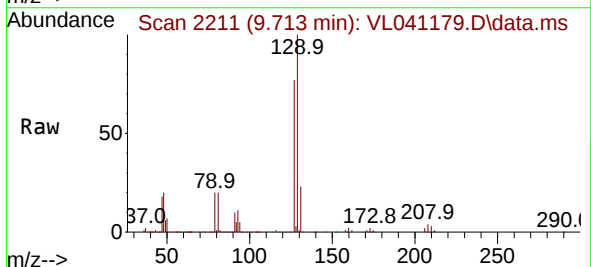
Tgt Ion: 97 Resp: 863193
Ion Ratio Lower Upper
97 100
83 89.0 71.2 106.8
85 57.5 46.0 69.0
99 62.1 49.7 74.5

Manual Integrations
APPROVED

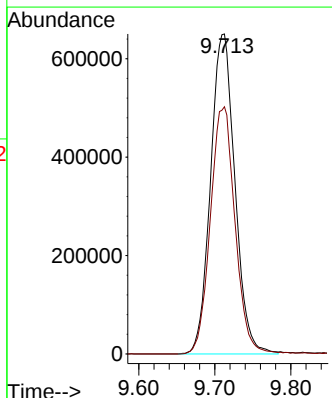
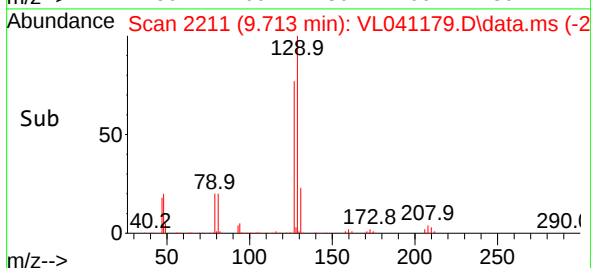
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

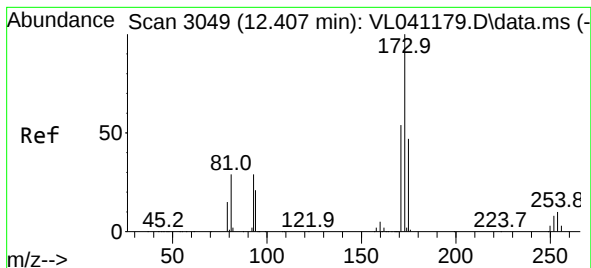


#48
Dibromochloromethane
Concen: 9.914 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



Tgt Ion:129 Resp: 1446815
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#49

Bromoform

Concen: 10.037 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 125775

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

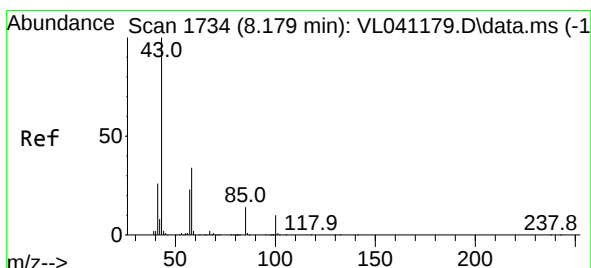
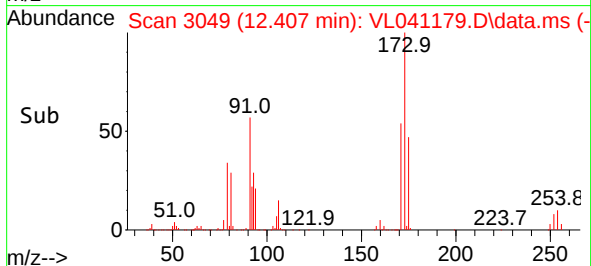
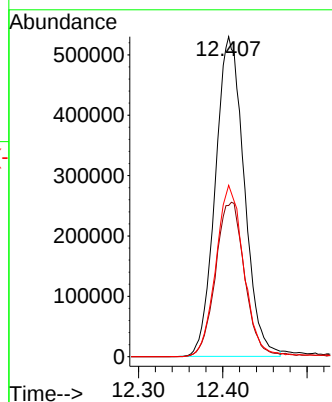
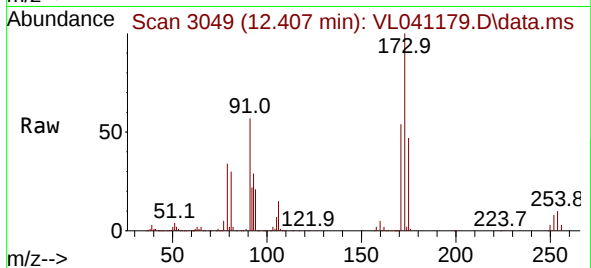
171 52.3 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#50

4-Methyl-2-Pentanone

Concen: 9.297 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041179.D

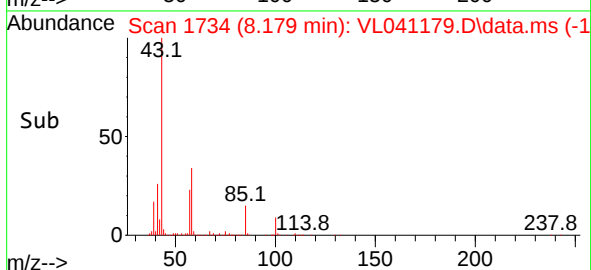
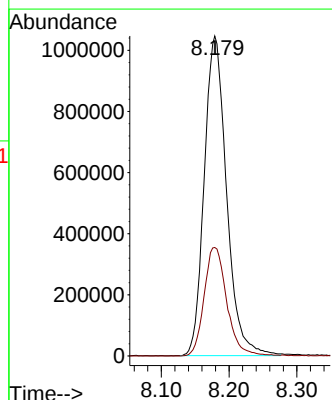
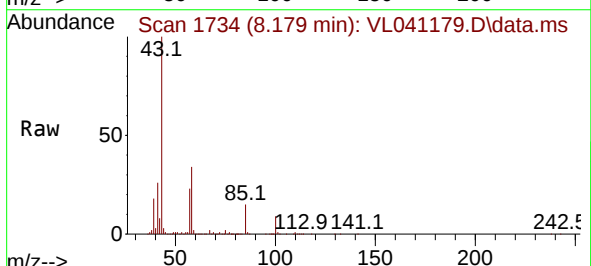
Acq: 29 Apr 2024 11:27

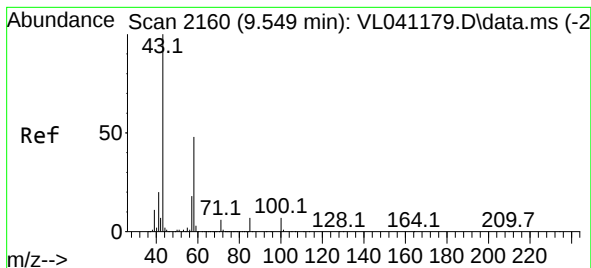
Tgt Ion: 43 Resp: 2394160

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5





#51

2-Hexanone

Concen: 9.369 ppbv

RT: 9.549 min Scan# 2160

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 1756610

Ion Ratio Lower Upper

43 100

58 48.0 38.4 57.6

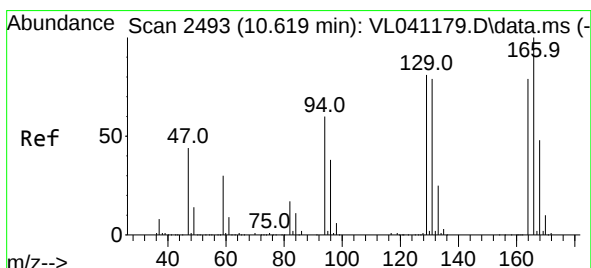
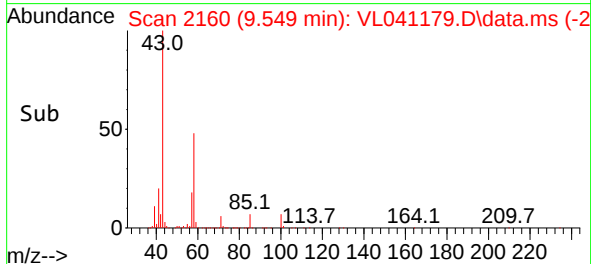
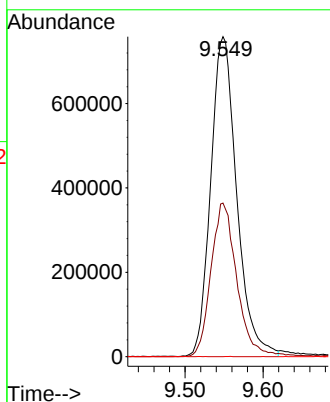
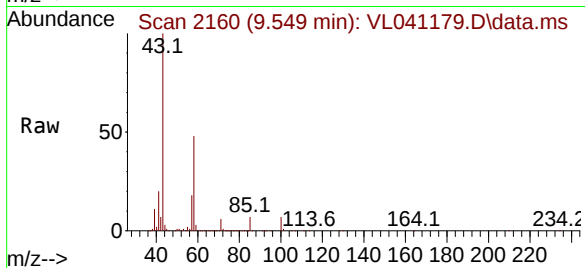
98 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#52

Tetrachloroethene

Concen: 9.346 ppbv

RT: 10.619 min Scan# 2493

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion:164 Resp: 772346

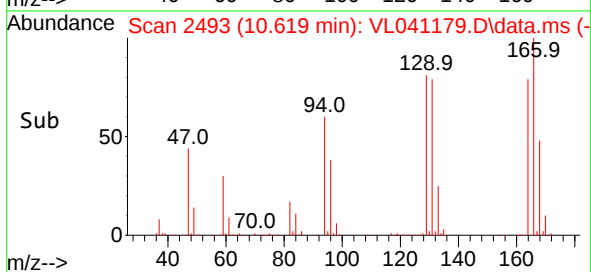
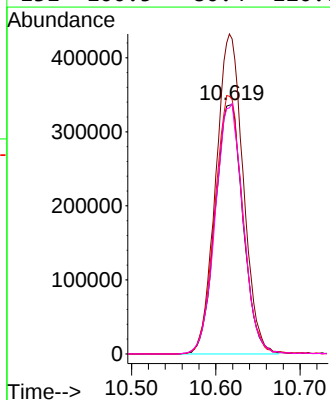
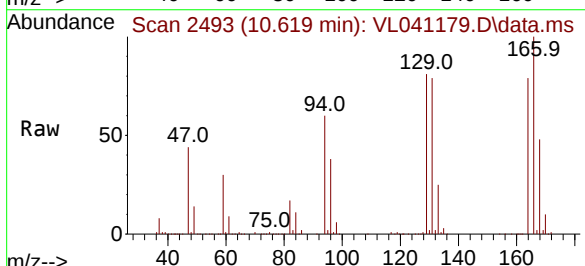
Ion Ratio Lower Upper

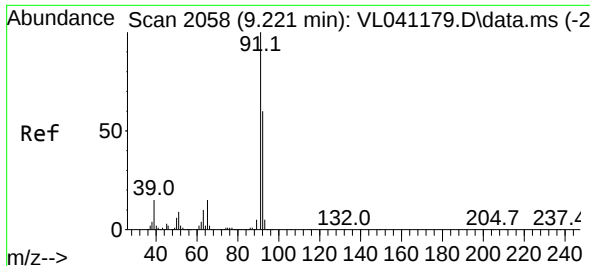
164 100

166 126.4 101.1 151.7

129 102.1 81.7 122.5

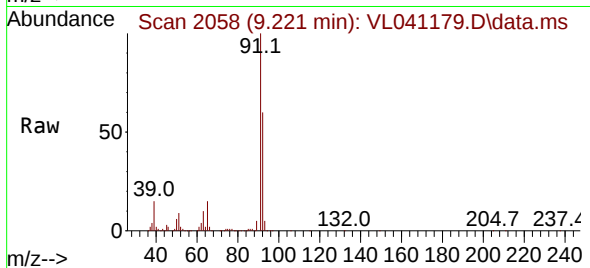
131 100.5 80.4 120.6





#53
Toluene
Concen: 9.406 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

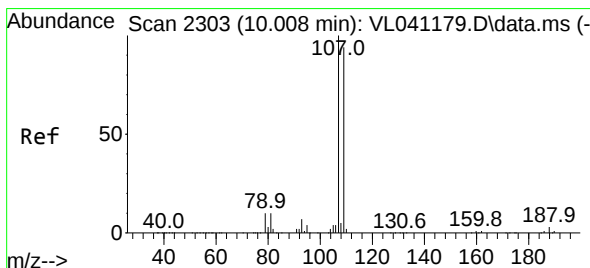
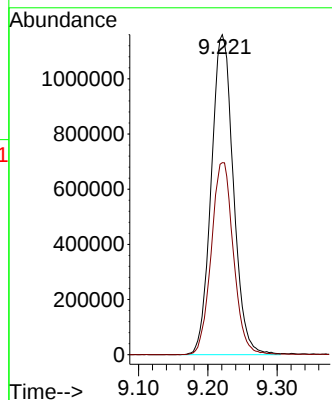
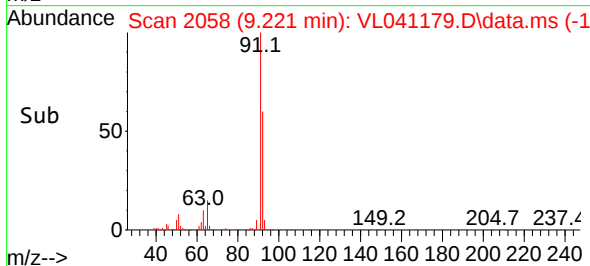
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



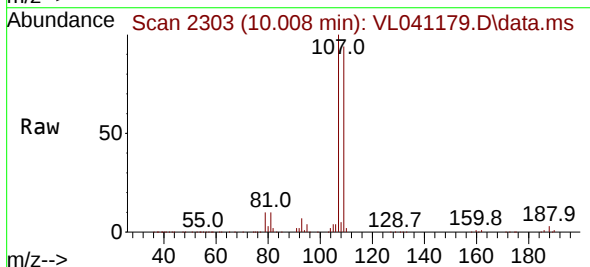
Tgt Ion: 91 Resp: 257223
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

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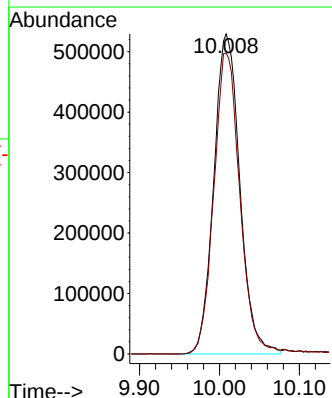
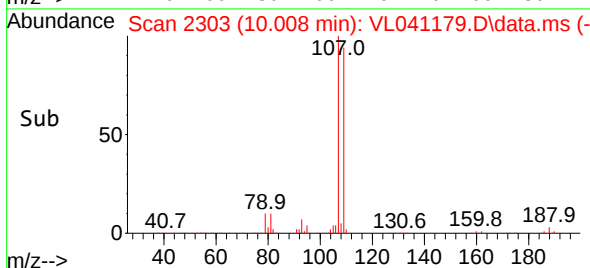
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

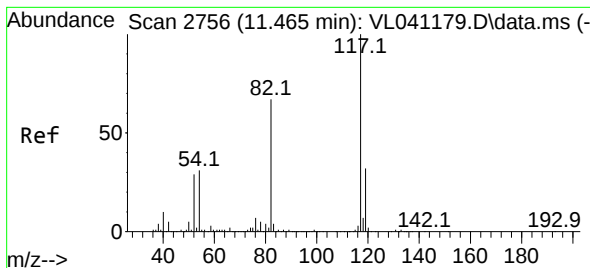


#54
1,2-Dibromoethane
Concen: 9.753 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



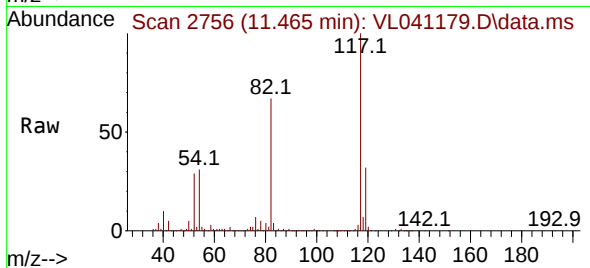
Tgt Ion:107 Resp: 1195937
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

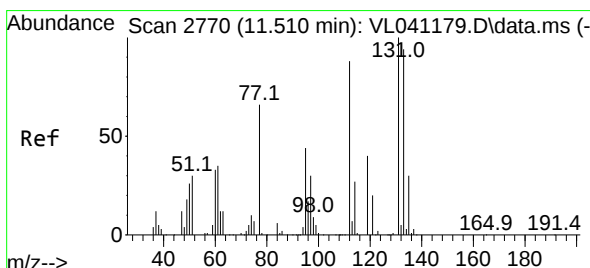
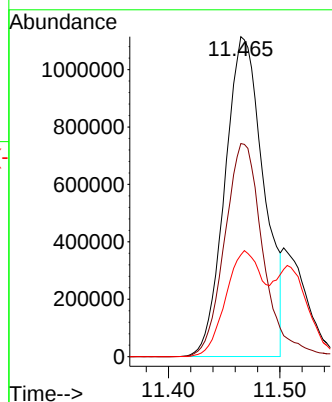
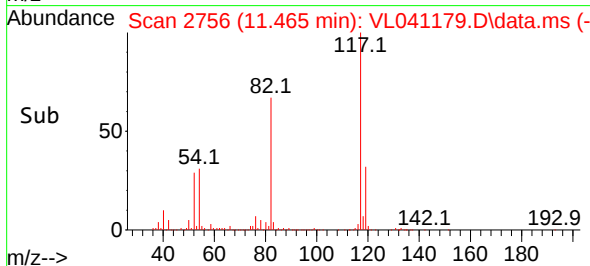
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



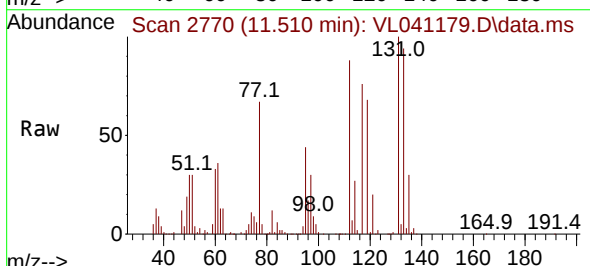
Tgt Ion:117 Resp: 2693672
Ion Ratio Lower Upper
117 100
82 67.0 53.6 80.4
119 34.0 27.2 40.8

Manual Integrations
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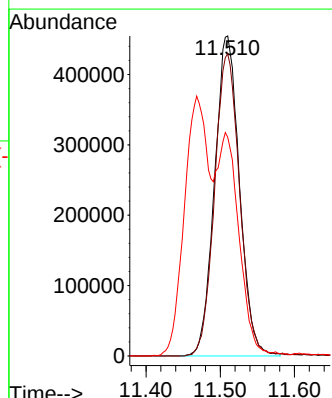
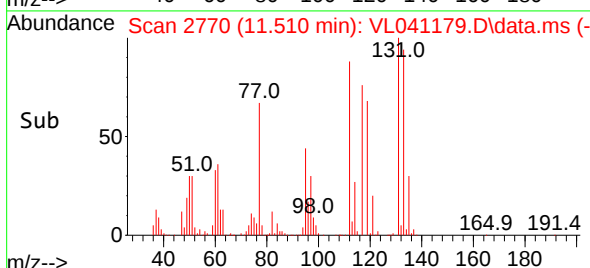
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

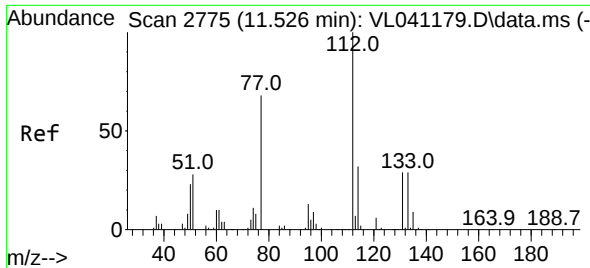


#56
1,1,1,2-Tetrachloroethane
Concen: 9.503 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



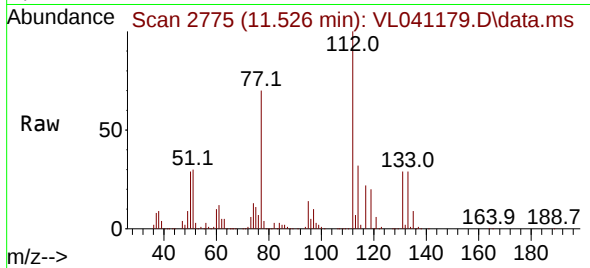
Tgt Ion:131 Resp: 1059887
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 61.8 49.4 74.2





#57
Chlorobenzene
Concen: 9.267 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

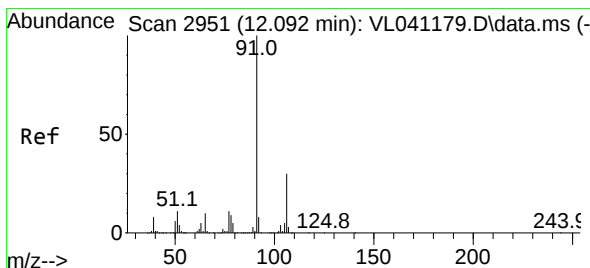
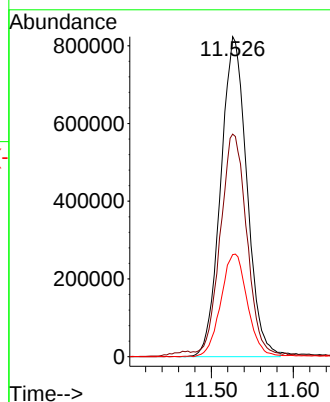
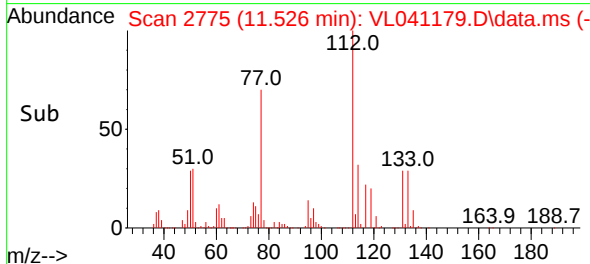
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



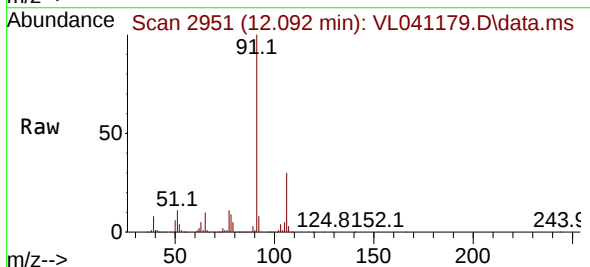
Tgt Ion: 112 Resp: 1825680
Ion Ratio Lower Upper
112 100
77 68.6 54.9 82.3
114 31.9 28.7 35.1

Manual Integrations
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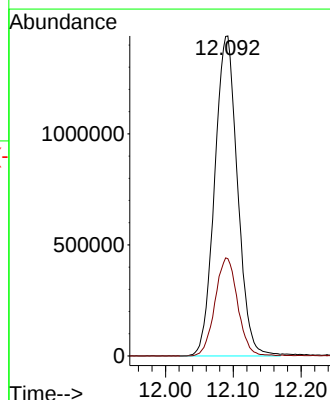
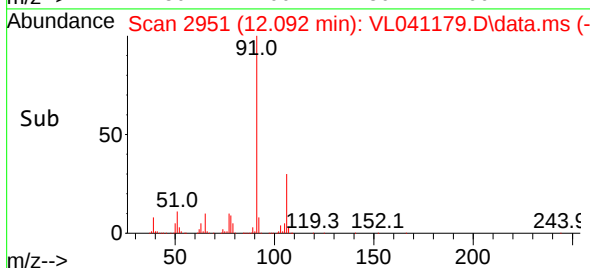
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

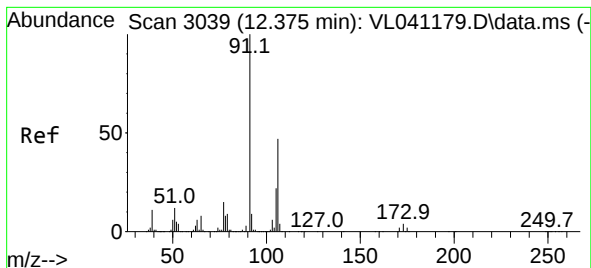


#58
Ethyl Benzene
Concen: 9.099 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



Tgt Ion: 91 Resp: 3375786
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5





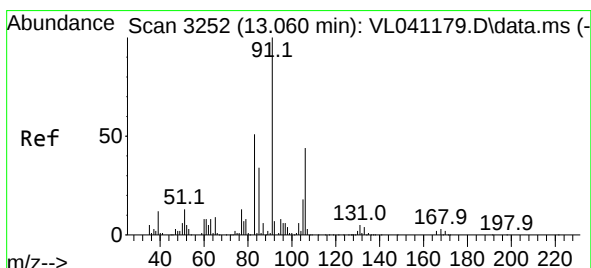
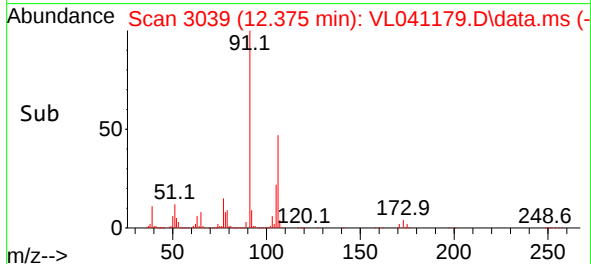
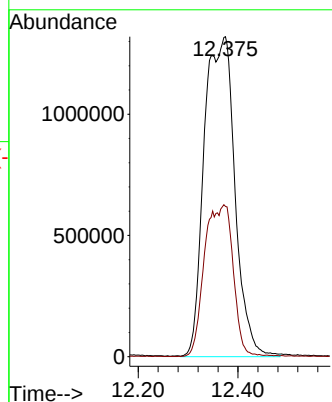
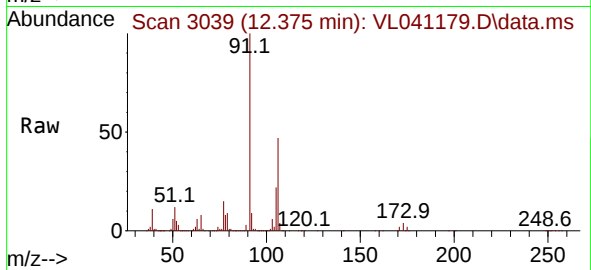
#59
m/p-Xylene
Concen: 18.063 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 562518
Ion Ratio Lower Upper
91 100
106 44.5 35.7 53.5

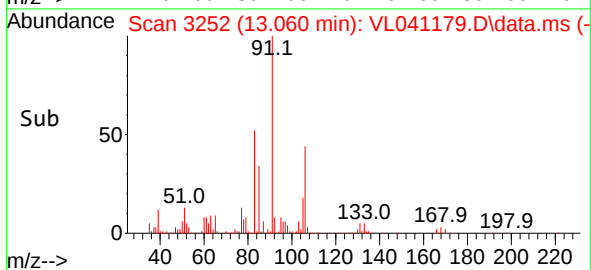
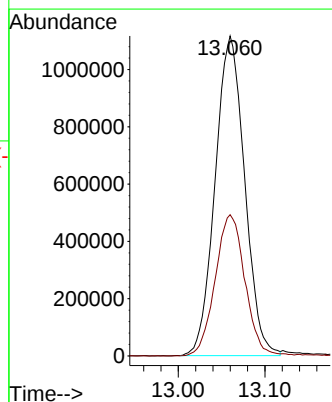
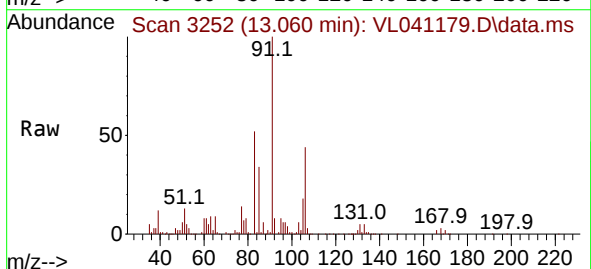
Manual Integrations
APPROVED

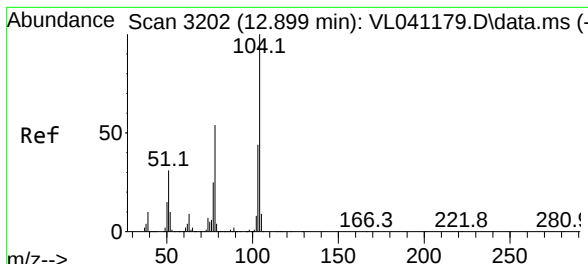
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
o-Xylene
Concen: 9.035 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

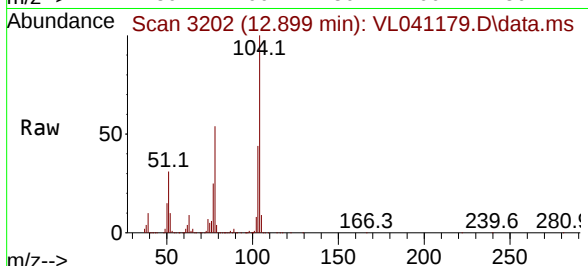
Tgt Ion: 91 Resp: 2641521
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61
Styrene
Concen: 9.640 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

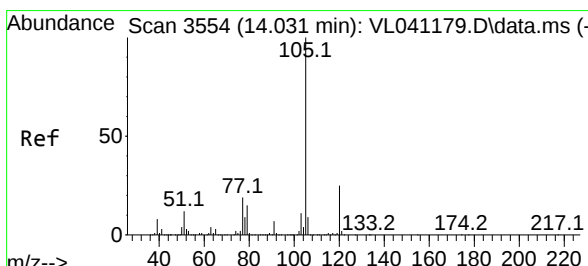
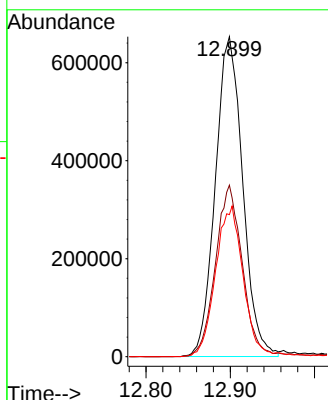
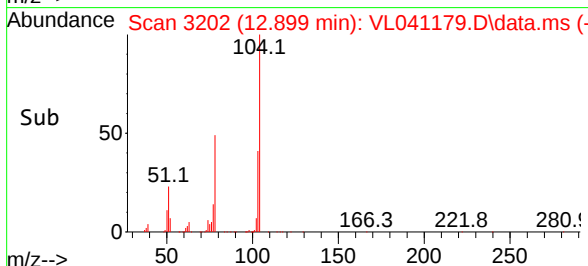
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



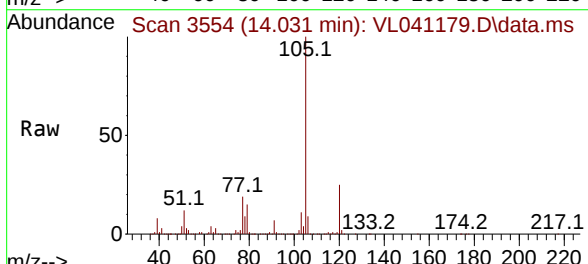
Tgt Ion:104 Resp: 1471572
Ion Ratio Lower Upper
104 100
78 53.2 42.6 63.8
103 48.0 38.4 57.6

Manual Integrations
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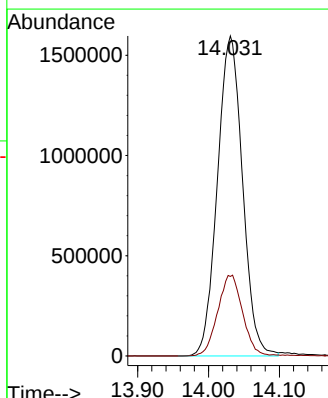
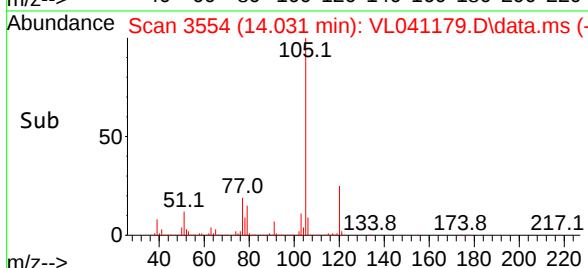
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

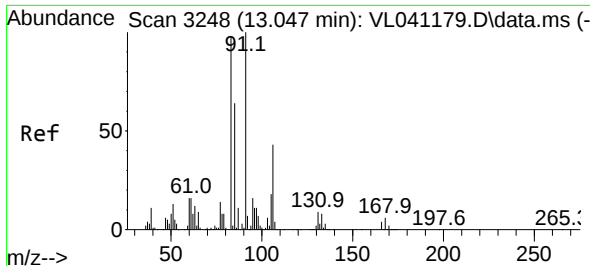


#62
Isopropylbenzene
Concen: 8.945 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



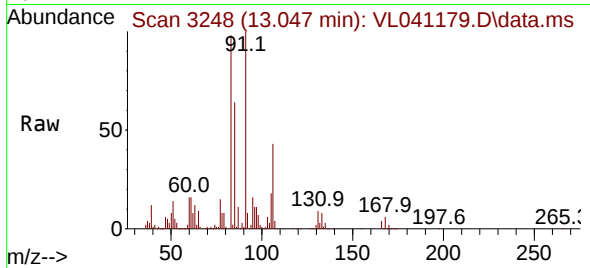
Tgt Ion:105 Resp: 3929016
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.316 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

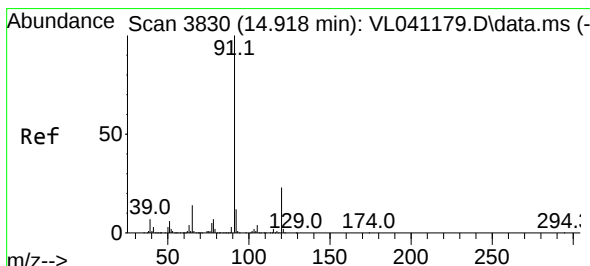
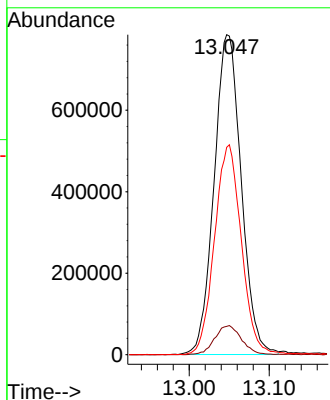
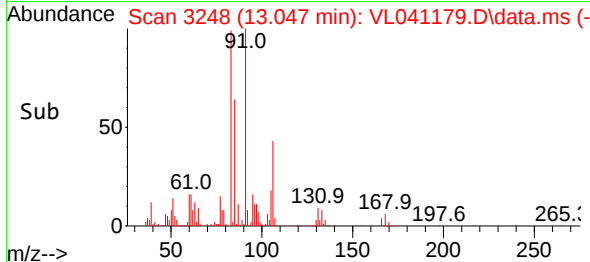
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



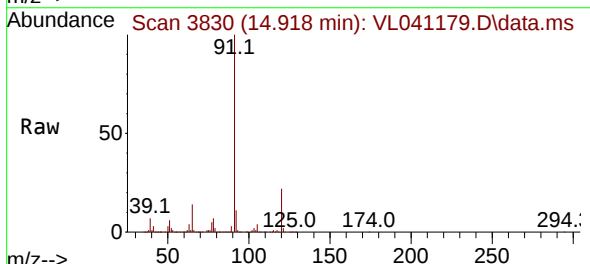
Tgt Ion: 83 Resp: 184995
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 65.4 32.7 98.1

Manual Integrations
APPROVED

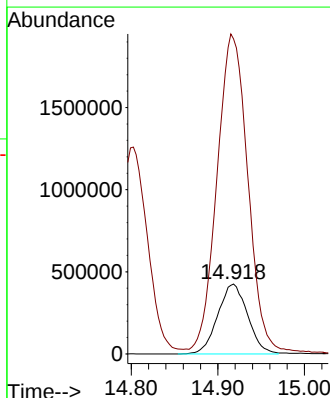
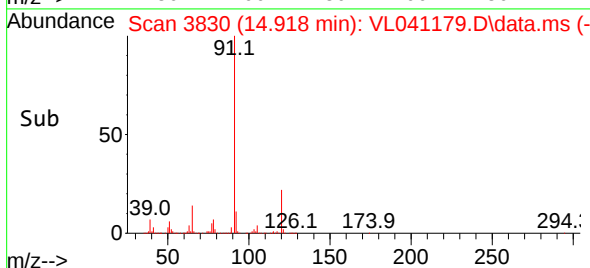
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

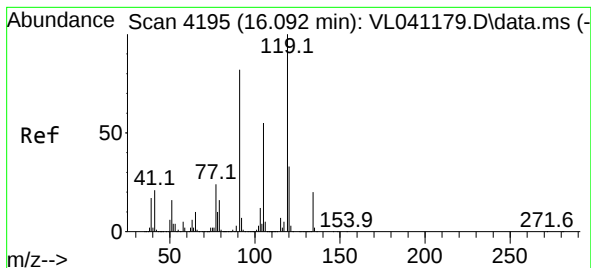


#64
n-propylbenzene
Concen: 9.244 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



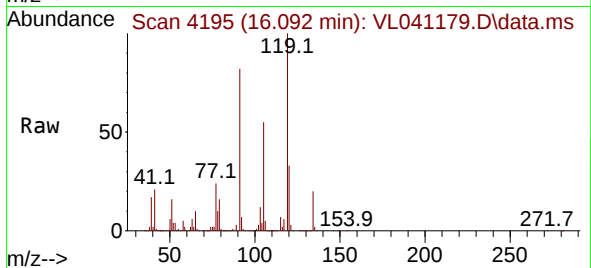
Tgt Ion:120 Resp: 1017449
Ion Ratio Lower Upper
120 100
91 481.0 384.8 577.2





#65
tert-Butylbenzene
Concen: 8.793 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

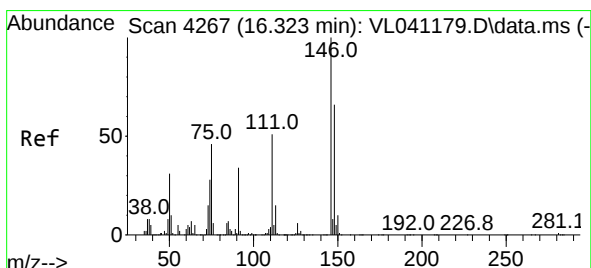
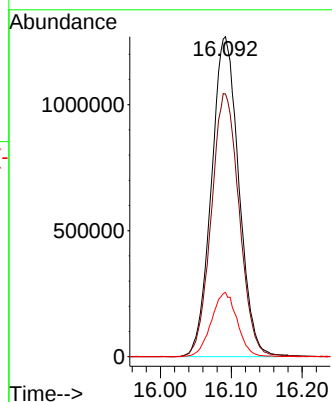
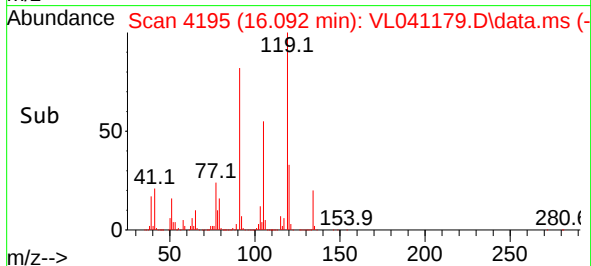
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



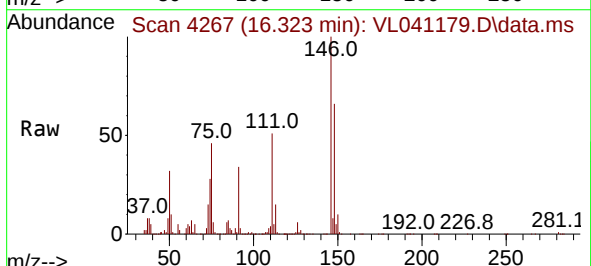
Tgt Ion: 119 Resp: 3413104
Ion Ratio Lower Upper
119 100
91 83.7 67.0 100.4
134 19.0 15.2 22.8

Manual Integrations
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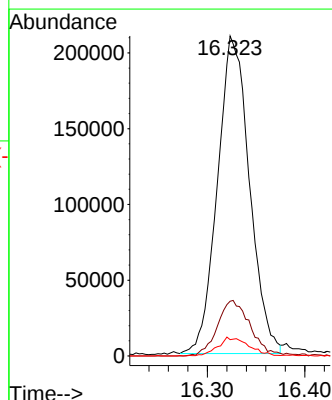
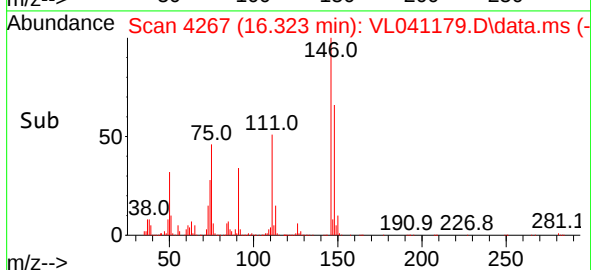
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

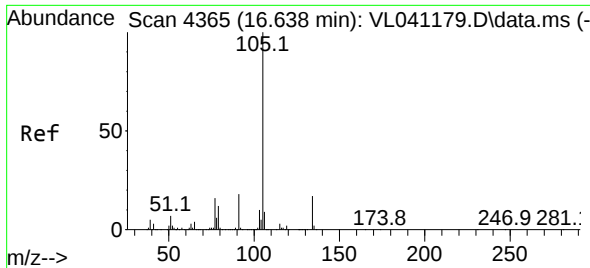


#66
Benzyl Chloride
Concen: 10.350 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



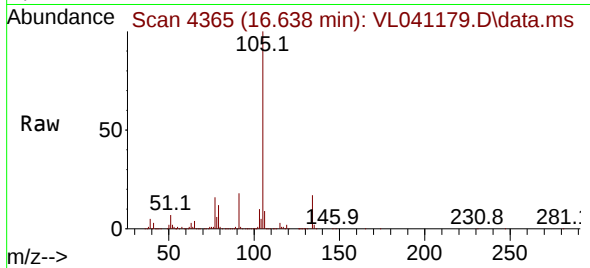
Tgt Ion: 91 Resp: 478167
Ion Ratio Lower Upper
91 100
126 18.2 14.6 21.8
128 5.9 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 8.844 ppbv
 RT: 16.638 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

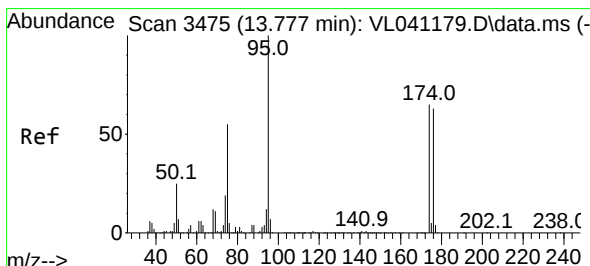
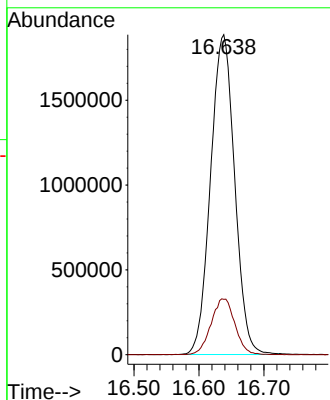
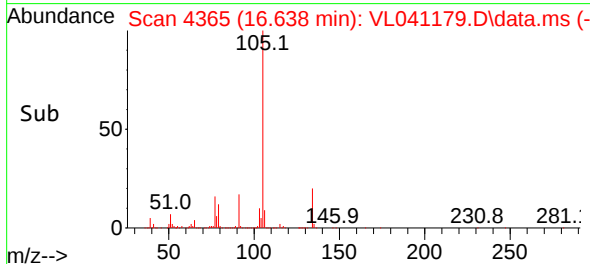
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 4854708
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.8

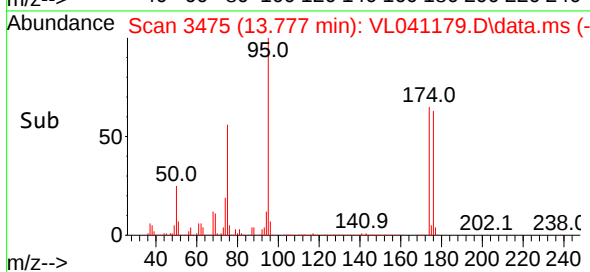
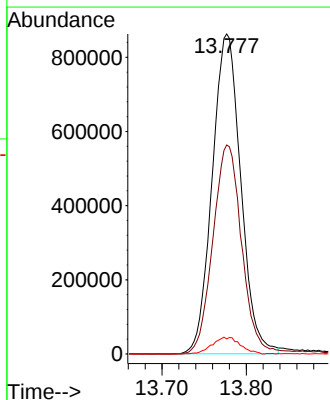
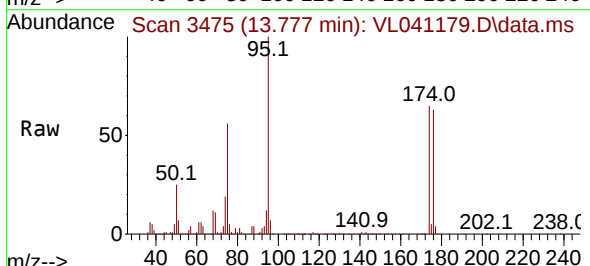
Manual Integrations
 APPROVED

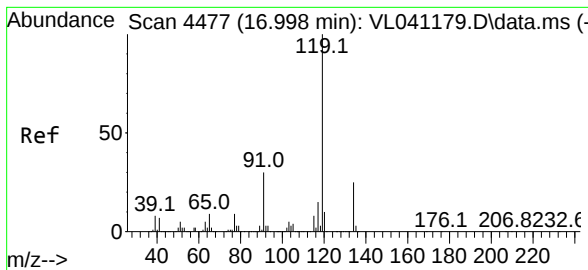
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.987 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

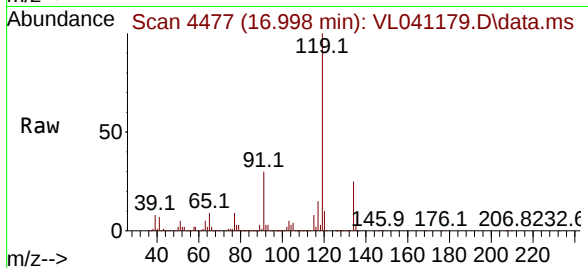
Tgt Ion: 95 Resp: 2031833
 Ion Ratio Lower Upper
 95 100
 174 67.0 53.6 80.4
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.803 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

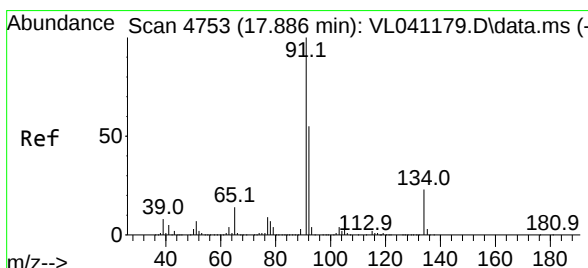
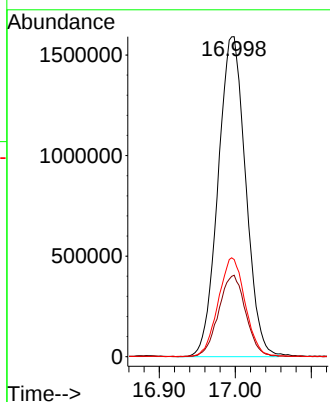
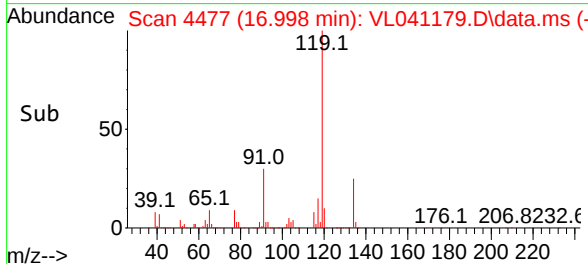
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 400608
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.2 24.2 36.2

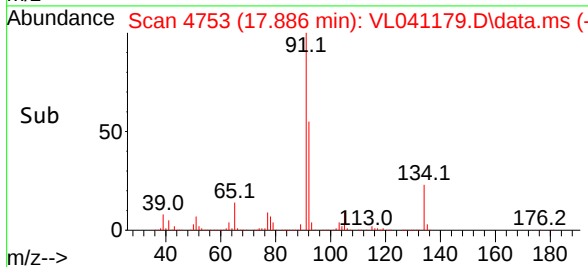
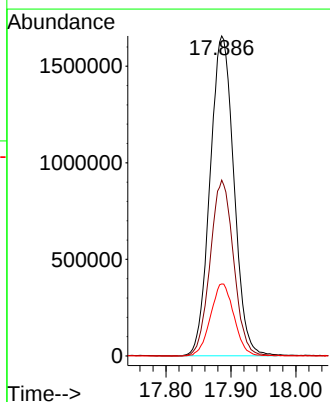
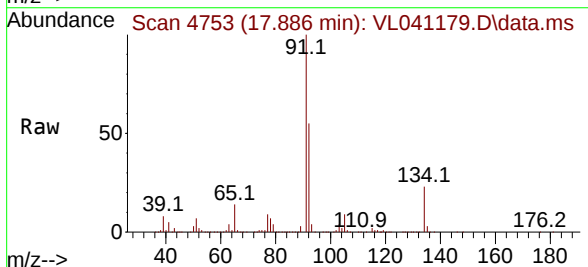
Manual Integrations
APPROVED

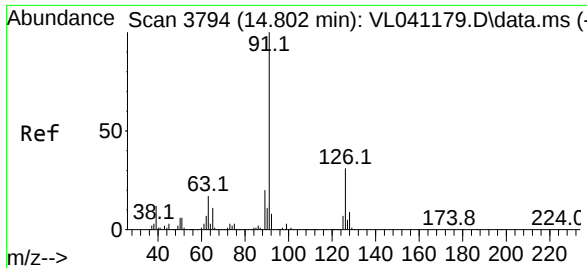
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#70
n-Butylbenzene
Concen: 8.923 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

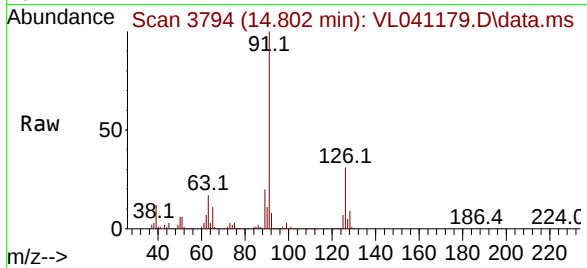
Tgt Ion: 91 Resp: 4218828
Ion Ratio Lower Upper
91 100
92 54.1 43.3 64.9
134 22.3 17.8 26.8





#71
2-Chlorotoluene
Concen: 9.055 ppbv
RT: 14.802 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

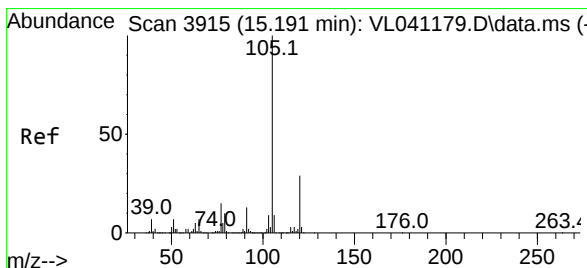
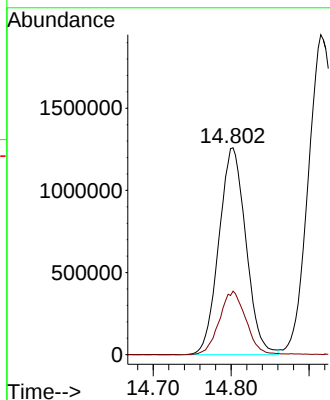
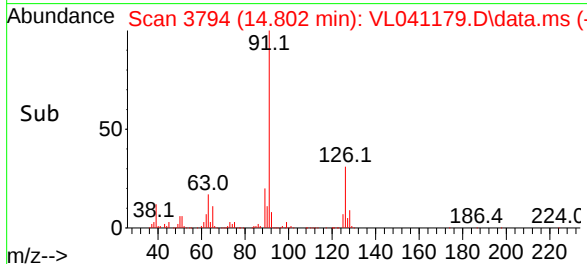
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



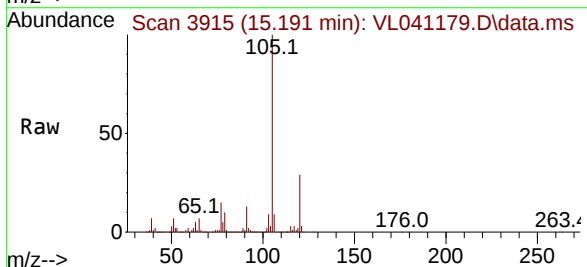
Tgt Ion: 91 Resp: 303856
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.8

Manual Integrations
APPROVED

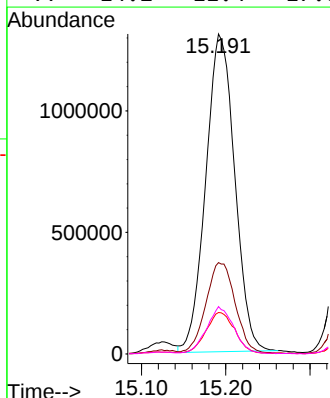
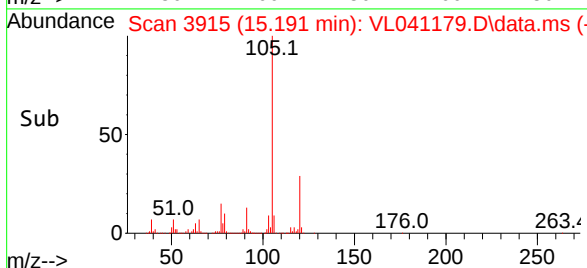
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

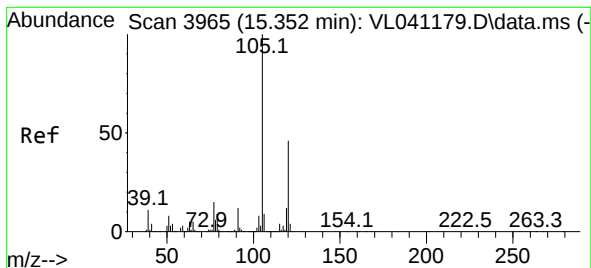


#72
4-Ethyltoluene
Concen: 9.358 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



Tgt Ion:105 Resp: 3120787
Ion Ratio Lower Upper
105 100
120 30.9 24.7 37.1
91 12.9 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.128 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 2759654

Ion Ratio Lower Upper

105 100

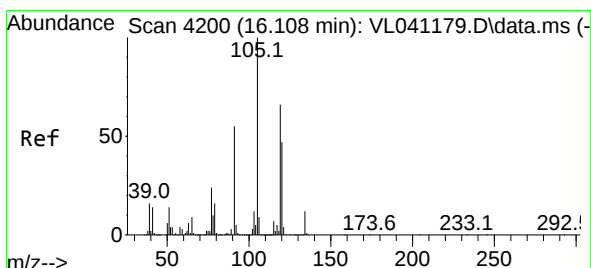
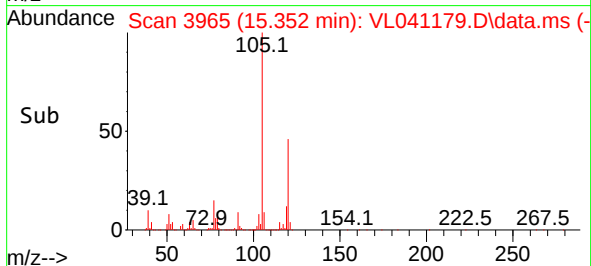
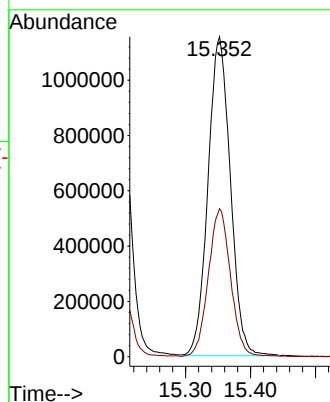
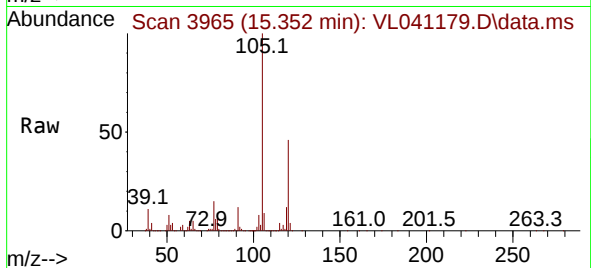
120 46.2 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 8.982 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion:105 Resp: 2955984

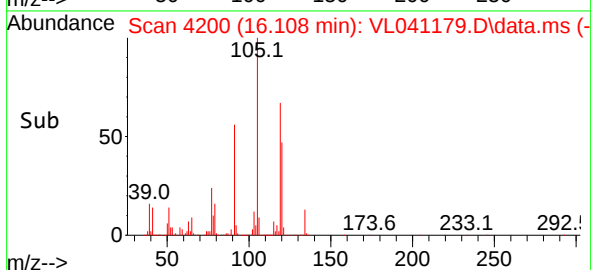
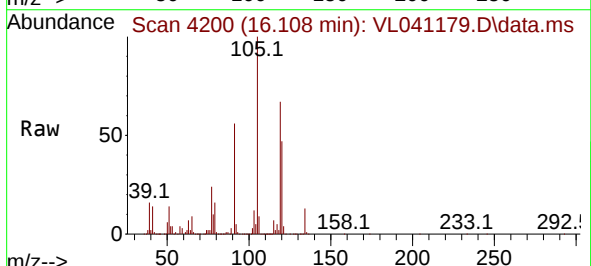
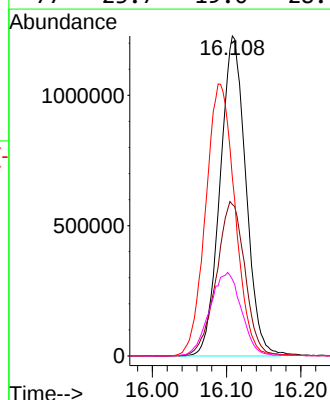
Ion Ratio Lower Upper

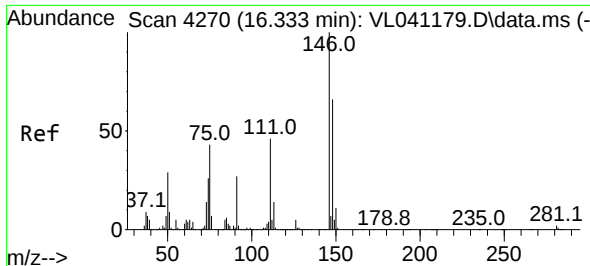
105 100

120 47.2 37.8 56.6

91 55.4 44.3 66.5

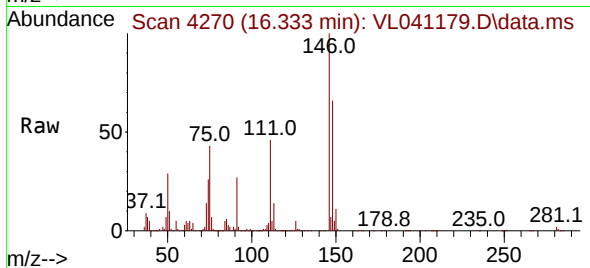
77 23.7 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 9.407 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

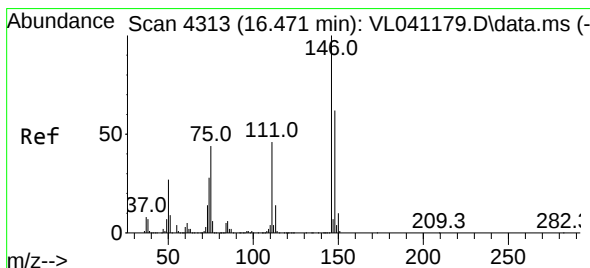
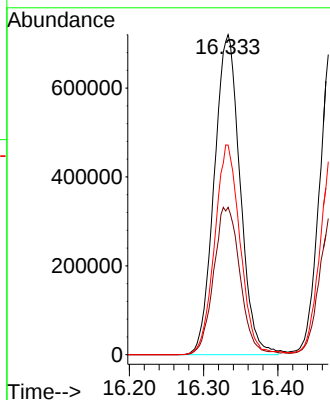
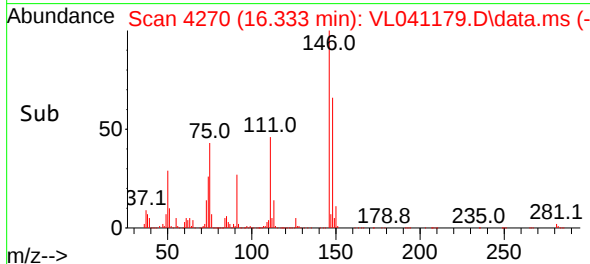
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



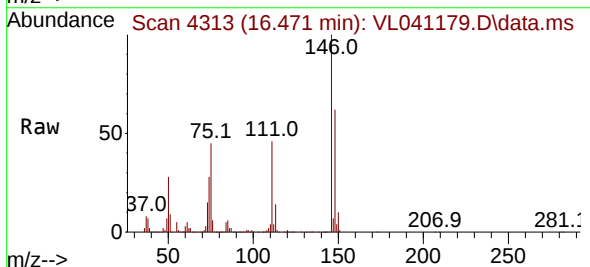
Tgt Ion:146 Resp: 1742370
Ion Ratio Lower Upper
146 100
111 47.4 23.7 71.1
148 64.9 32.5 97.4

Manual Integrations
APPROVED

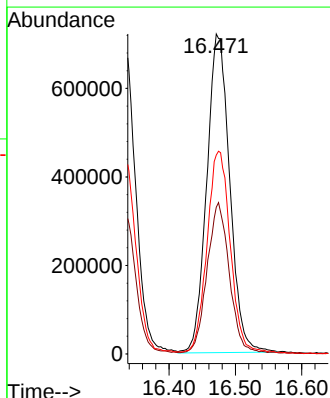
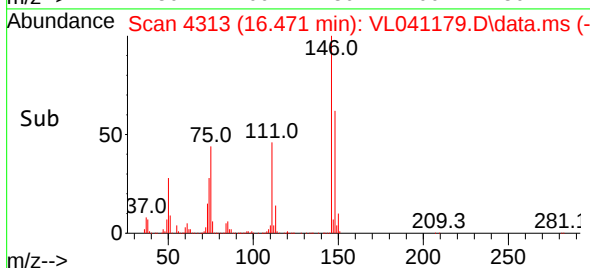
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

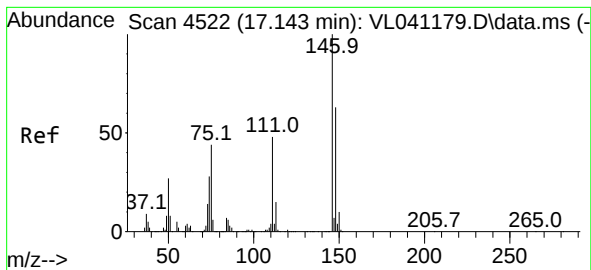


#76
1,4-Dichlorobenzene
Concen: 9.605 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27



Tgt Ion:146 Resp: 1733035
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 65.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 8.969 ppbv

RT: 17.143 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1678538

Ion Ratio Lower Upper

146 100

111 49.0 24.5 73.5

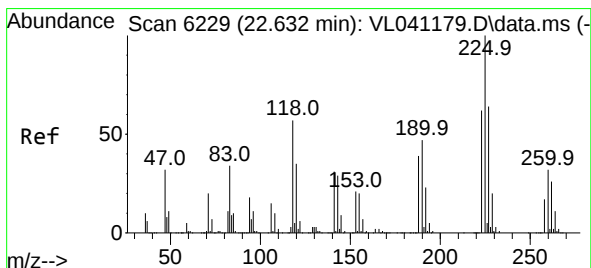
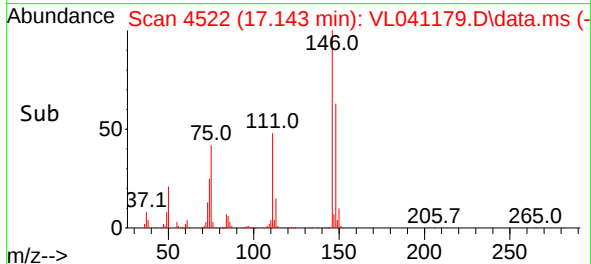
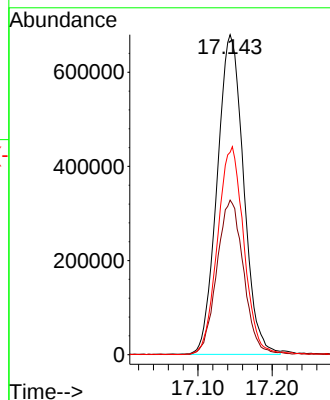
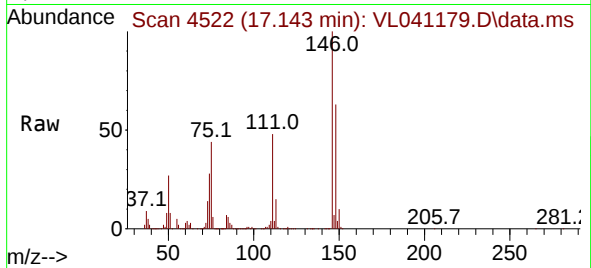
148 65.3 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.029 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

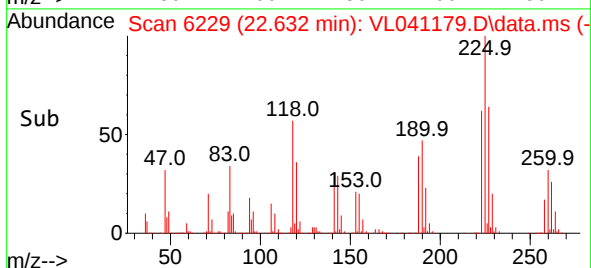
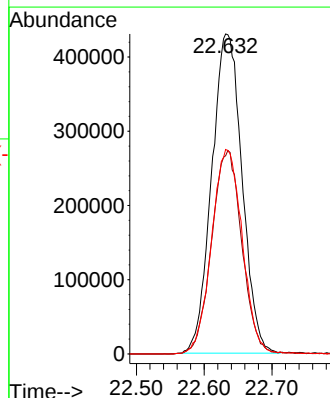
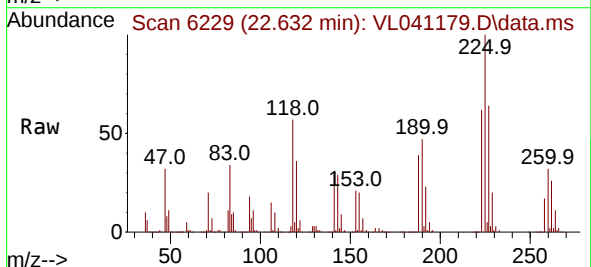
Tgt Ion:225 Resp: 1335636

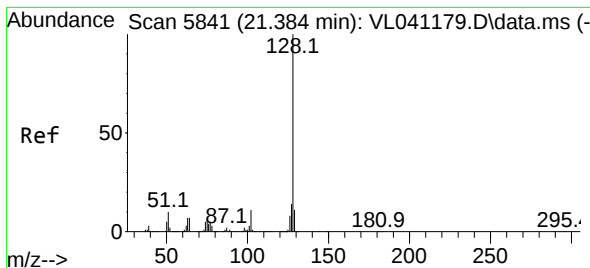
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 65.0 52.0 78.0





#79

Naphthalene

Concen: 9.468 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041179.D

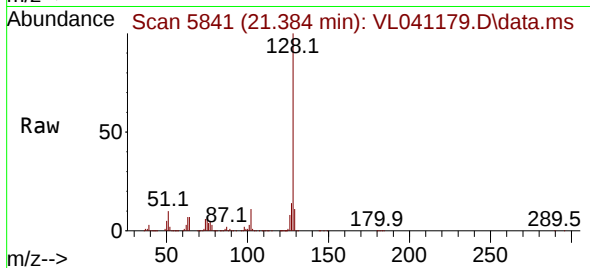
Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:128 Resp: 295409

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

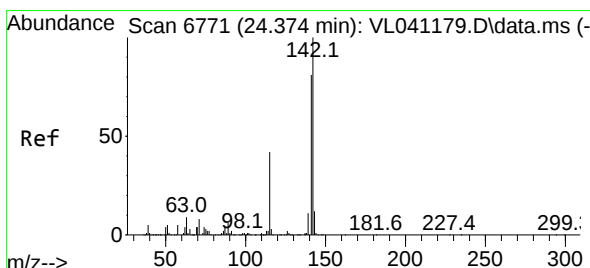
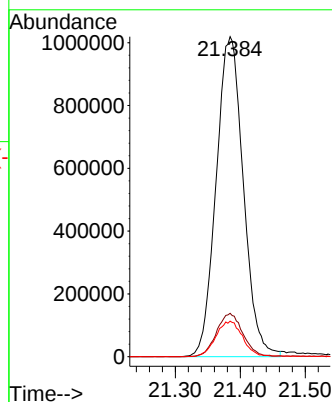
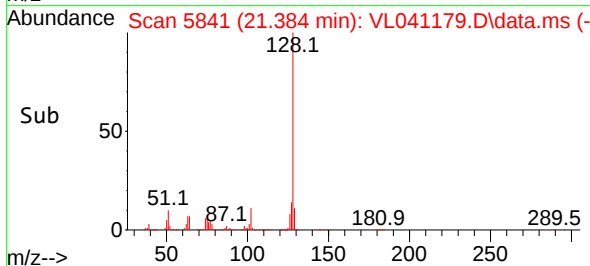
129 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#80

Naphthalene,2-methyl-

Concen: 7.750 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

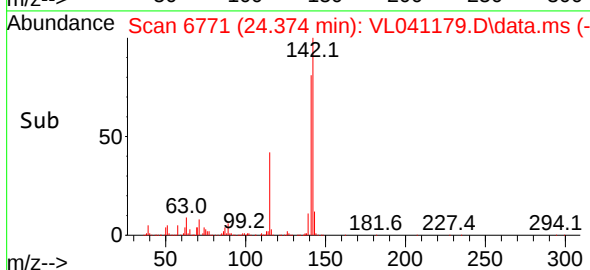
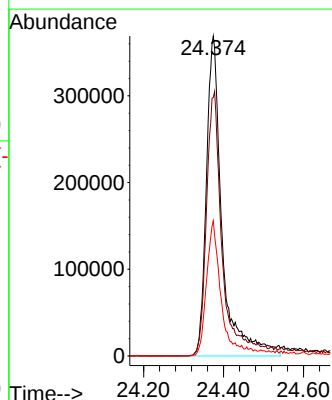
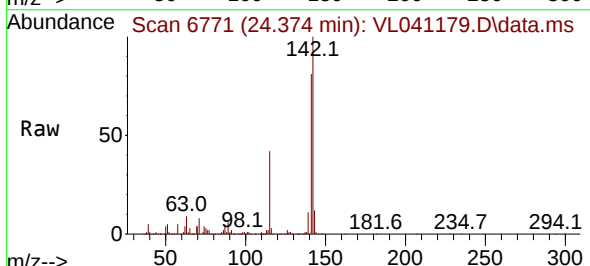
Tgt Ion:142 Resp: 1017752

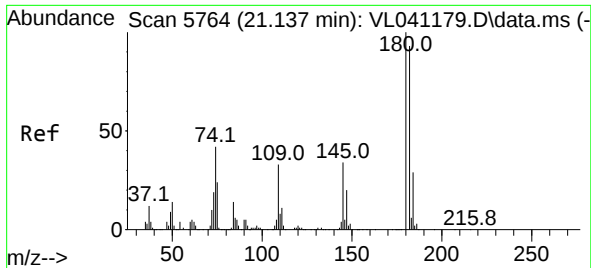
Ion Ratio Lower Upper

142 100

141 84.9 67.9 101.9

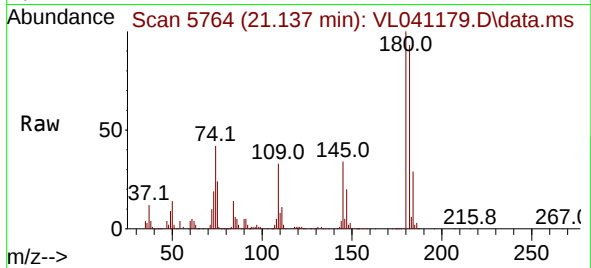
115 39.2 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.971 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1495849
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.2 115.8
 184 30.7 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

