

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041182.D
 Acq On : 29 Apr 2024 13:28
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Apr 30 05:08:15 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.185	49	1012643	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2594892	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2380091	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1800448 10.016 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	78751	0.563	ppbv	89
3) Chlorodifluoromethane	2.671	51	81623	0.529	ppbv	100
4) Chloromethane	2.809	50	30762	0.501	ppbv	97
5) Vinyl Chloride	2.915	62	29808	0.500	ppbv	94
6) Bromomethane	3.121	94	11827m	0.536	ppbv	
7) Chloroethane	3.192	64	11382m	0.527	ppbv	
8) Dichlorotetrafluoroethane	2.851	85	76365	0.540	ppbv	99
9) Propene	2.690	41	33515	0.556	ppbv	93
10) Heptane	7.574	43	80645m	0.559	ppbv	
11) Trichlorofluoromethane	3.558	101	71752	0.516	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.063	101	53204	0.512	ppbv	98
13) Ethanol	3.256	45	5930m	0.456	ppbv	
14) Bromoethene	3.359	108	21475	0.496	ppbv #	94
15) Acetone	3.478	43	66550m	0.551	ppbv	
16) 1,3-Butadiene	2.983	39	30332	0.505	ppbv	96
17) tert-Butyl alcohol	3.893	59	56825	0.435	ppbv #	90
18) 1,1-Dichloroethene	3.877	96	23046	0.484	ppbv	98
19) Isopropyl Alcohol	3.584	45	34025m	0.433	ppbv	
20) Methylene Chloride	3.928	84	24047	0.573	ppbv	97
21) Allyl Chloride	3.992	41	41776	0.531	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	25107m	0.534	ppbv	
23) Vinyl Acetate	4.629	43	66388m	0.498	ppbv	
24) 1,1-Dichloroethane	4.555	63	54506m	0.530	ppbv	
25) Ethyl Acetate	5.208	43	125069	0.528	ppbv	98
26) Hexane	5.208	57	57726	0.550	ppbv	99
27) Carbon Disulfide	4.121	76	65602m	0.527	ppbv	
28) Methyl tert-Butyl Ether	4.594	73	43466	0.509	ppbv #	76
29) Chloroform	5.269	83	77836	0.532	ppbv	100
30) Cyclohexane	6.597	84	42810	0.497	ppbv	91
31) cis-1,2-Dichloroethene	5.069	61	49726	0.495	ppbv	91
32) 1,1,1-Trichloroethane	5.996	97	76972	0.524	ppbv	98
34) 2-Butanone	4.793	43	69254	0.545	ppbv	95
35) Carbon Tetrachloride	6.487	117	73985	0.502	ppbv	97
36) Benzene	6.365	78	110367	0.506	ppbv	95
37) 1,2-Dichloroethane	5.803	62	56950	0.499	ppbv	100
38) Trichloroethene	7.285	130	38725	0.470	ppbv	93
39) 1,2-Dichloropropane	7.066	63	41953	0.497	ppbv	99
40) 1,4-Dioxane	7.320	88	11552m	0.384	ppbv	
41) Tetrahydrofuran	5.574	42	51945m	0.553	ppbv	
42) Bromodichloromethane	7.243	83	76921	0.461	ppbv	90
43) Methyl Methacrylate	7.475	69	42710	0.477	ppbv	93
44) 2,2,4-Trimethylpentane	7.323	57	195404	0.517	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	27601	0.421	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
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 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 05:08:15 2024

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

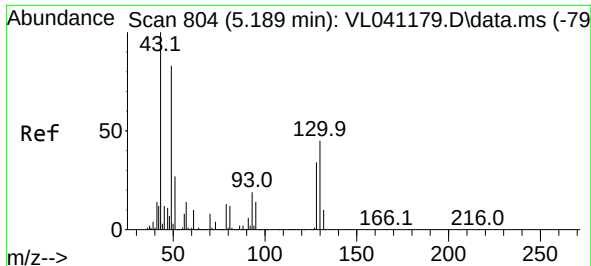
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

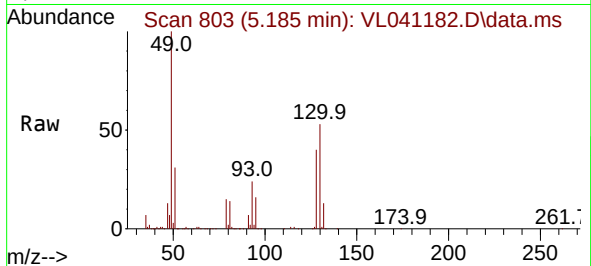
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	37886m	0.477	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	43116	0.513	ppbv	93
48) Dibromochloromethane	9.703	129	62014	0.457	ppbv	91
49) Bromoform	12.404	173	50079	0.429	ppbv	96
50) 4-Methyl-2-Pentanone	8.195	43	116934	0.488	ppbv	92
51) 2-Hexanone	9.568	43	90857m	0.521	ppbv	
52) Tetrachloroethene	10.613	164	39233	0.510	ppbv	89
53) Toluene	9.214	91	128755	0.506	ppbv	98
54) 1,2-Dibromoethane	10.005	107	57682m	0.505	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	47893	0.486	ppbv #	1
57) Chlorobenzene	11.519	112	94214m	0.541	ppbv	
58) Ethyl Benzene	12.082	91	174494	0.532	ppbv	98
59) m/p-Xylene	12.368	91	294874m	1.072	ppbv	
60) o-Xylene	13.056	91	141598	0.548	ppbv	99
61) Styrene	12.892	104	71921m	0.533	ppbv	
62) Isopropylbenzene	14.027	105	208977	0.538	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.047	83	97640m	0.556	ppbv	
64) n-propylbenzene	14.908	120	48252	0.496	ppbv	75
65) tert-Butylbenzene	16.085	119	192404m	0.561	ppbv	
66) Benzyl Chloride	16.329	91	17387m	0.426	ppbv	
67) sec-Butylbenzene	16.638	105	271038	0.559	ppbv	98
69) p-Isopropyltoluene	16.992	119	221325m	0.550	ppbv	
70) n-Butylbenzene	17.883	91	219542	0.525	ppbv	100
71) 2-Chlorotoluene	14.796	91	153334	0.517	ppbv	97
72) 4-Ethyltoluene	15.188	105	148749	0.505	ppbv	96
73) 1,3,5-Trimethylbenzene	15.346	105	136424	0.511	ppbv	100
74) 1,2,4-Trimethylbenzene	16.101	105	153694	0.529	ppbv #	92
75) 1,3-Dichlorobenzene	16.329	146	88476m	0.541	ppbv	
76) 1,4-Dichlorobenzene	16.471	146	79333	0.498	ppbv	91
77) 1,2-Dichlorobenzene	17.143	146	89432m	0.541	ppbv	
78) Hexachloro-1,3-Butadiene	22.628	225	82432m	0.561	ppbv	
79) Naphthalene	21.387	128	133825m	0.485	ppbv	
80) Naphthalene,2-methyl-	24.381	142	50401m	0.434	ppbv	
81) 1,2,4-Trichlorobenzene	21.143	180	71967m	0.488	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

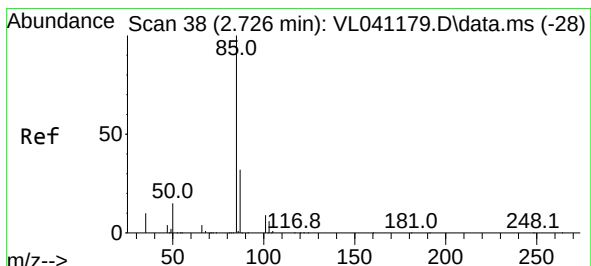
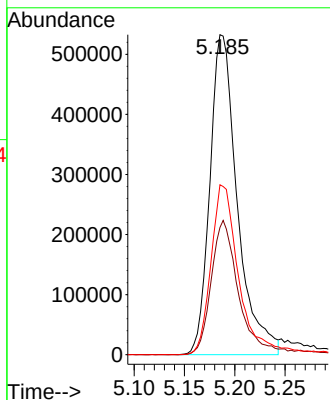
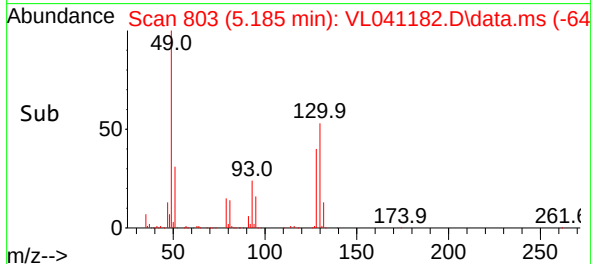
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 49 Resp: 101264
Ion Ratio Lower Upper
49 100
128 43.1 21.5 64.5
130 56.2 27.2 81.6

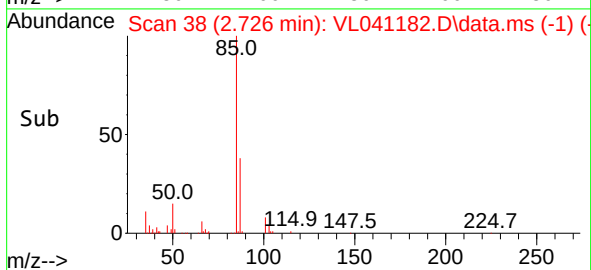
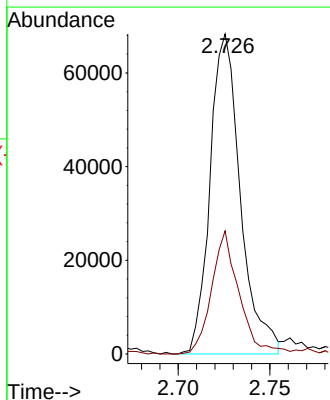
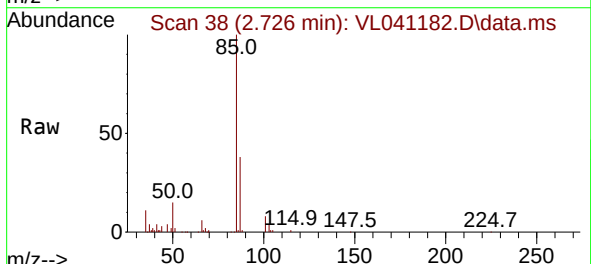
Manual Integrations
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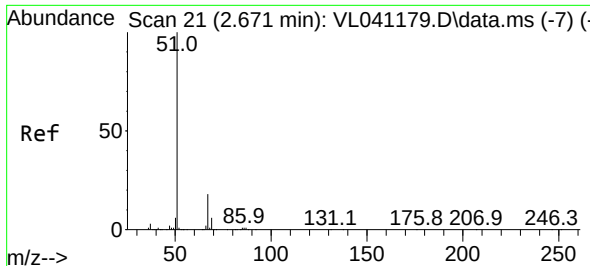
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 0.563 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

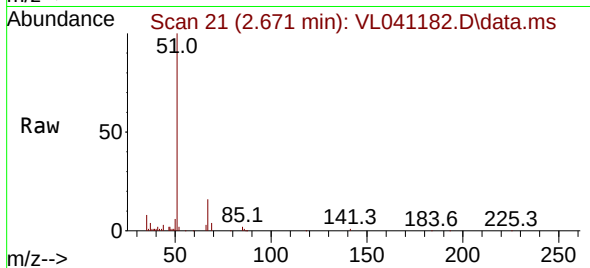
Tgt Ion: 85 Resp: 78751
Ion Ratio Lower Upper
85 100
87 38.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.529 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

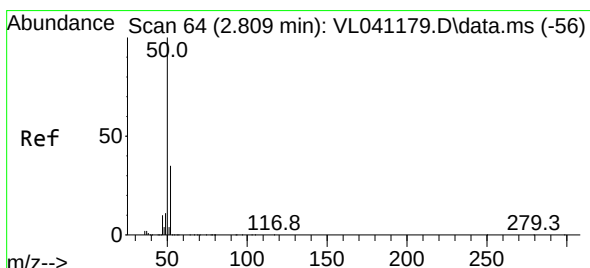
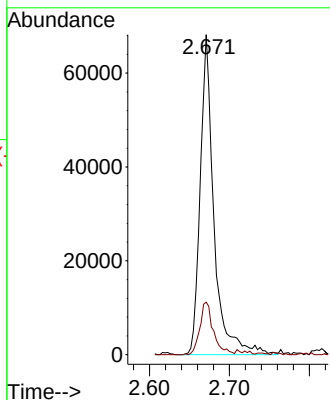
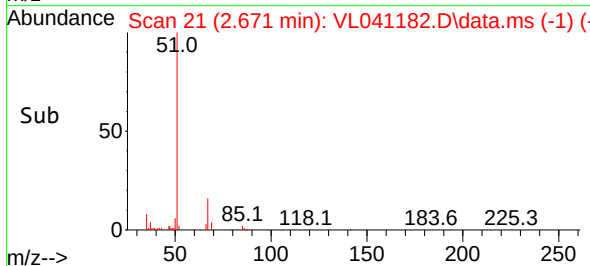
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 8162
Ion Ratio Lower Upper
51 100
67 17.6 14.0 21.0

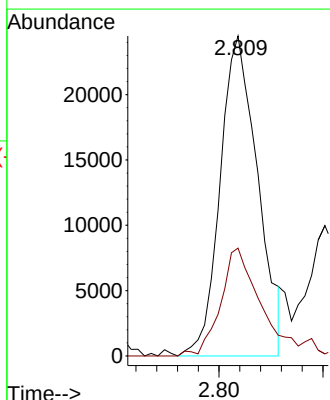
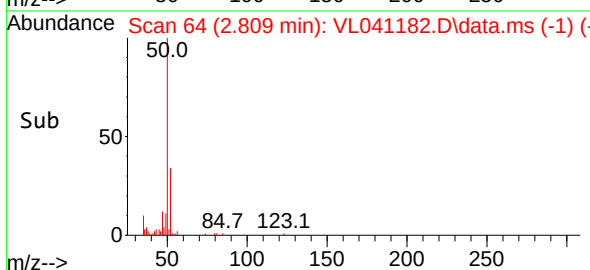
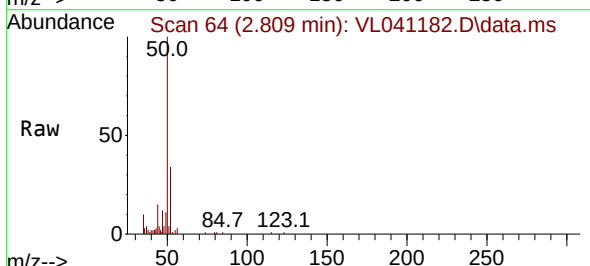
Manual Integrations
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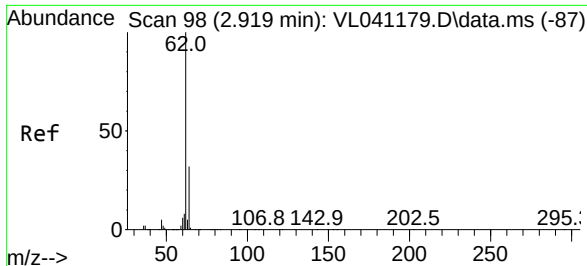
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Chloromethane
Concen: 0.501 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

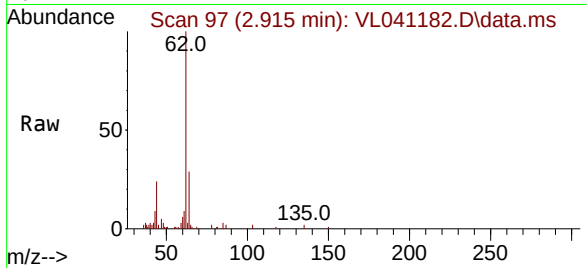
Tgt Ion: 50 Resp: 30762
Ion Ratio Lower Upper
50 100
52 33.7 28.3 42.5





#5
 Vinyl Chloride
 Concen: 0.500 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

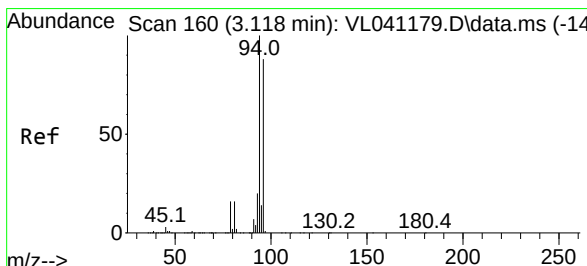
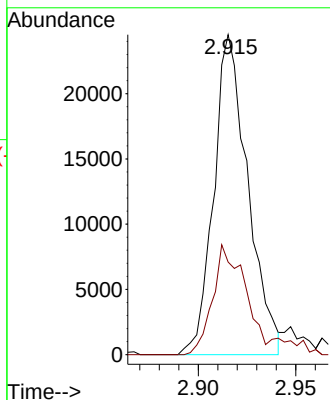
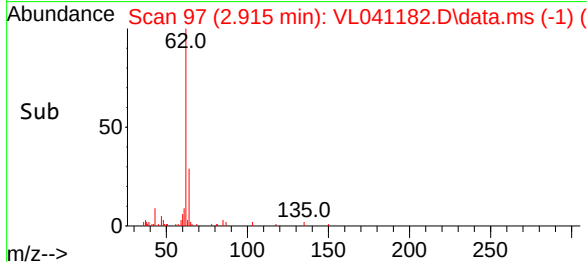
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 29808
 Ion Ratio Lower Upper
 62 100
 64 28.9 25.7 38.5

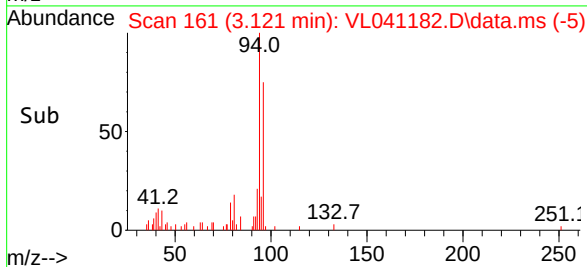
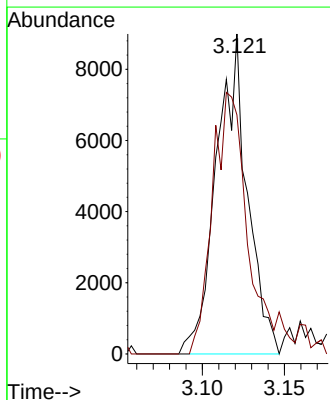
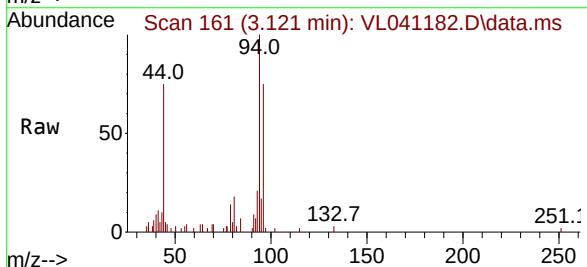
Manual Integrations
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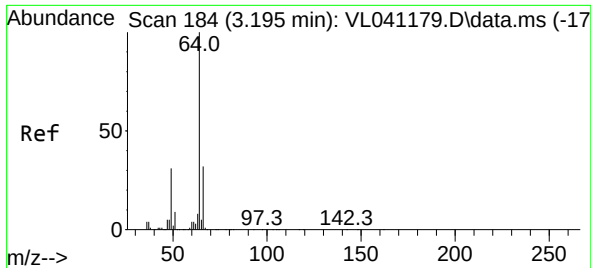
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#6
 Bromomethane
 Concen: 0.536 ppbv m
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

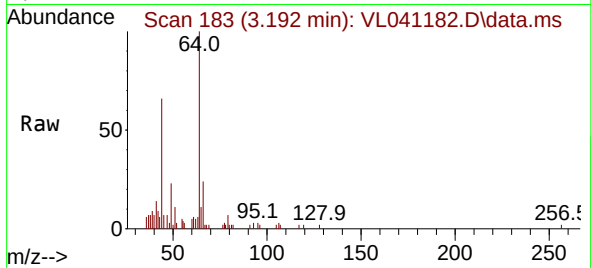
Tgt Ion: 94 Resp: 11827
 Ion Ratio Lower Upper
 94 100
 96 74.7 70.1 105.1





#7
Chloroethane
Concen: 0.527 ppbv m
RT: 3.192 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

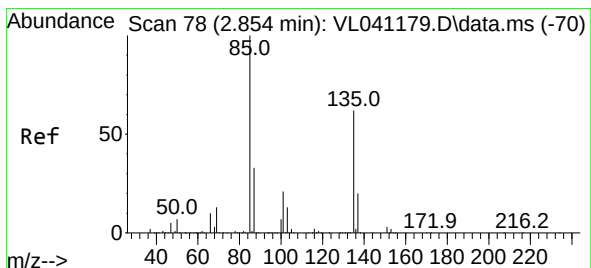
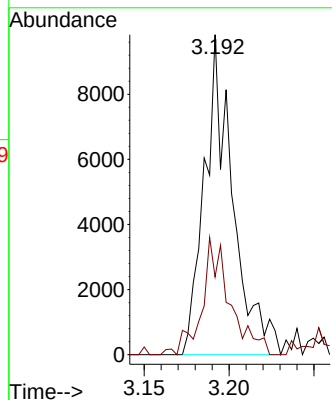
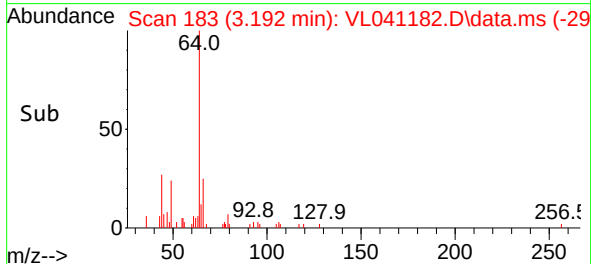
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 64 Resp: 1138
Ion Ratio Lower Upper
64 100
66 24.3 25.4 38.2

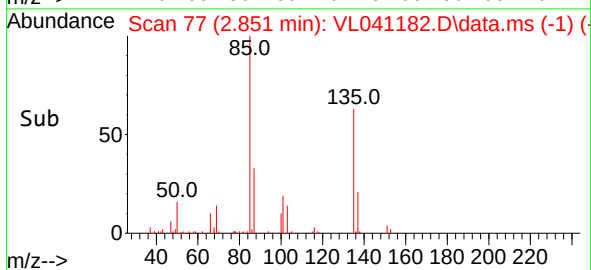
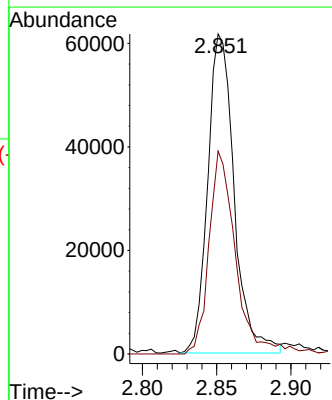
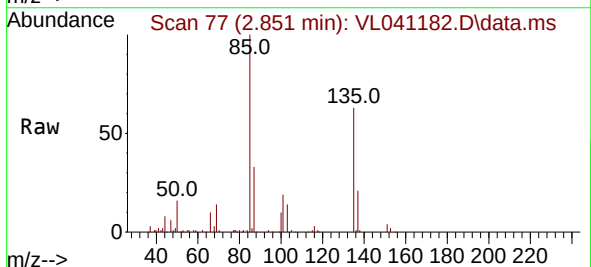
Manual Integrations
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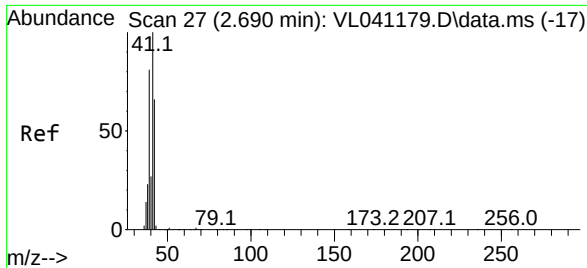
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Dichlorotetrafluoroethane
Concen: 0.540 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 85 Resp: 76365
Ion Ratio Lower Upper
85 100
135 65.1 51.5 77.3





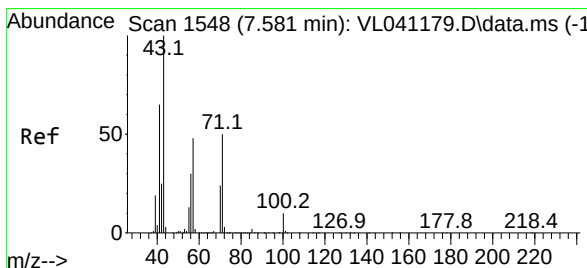
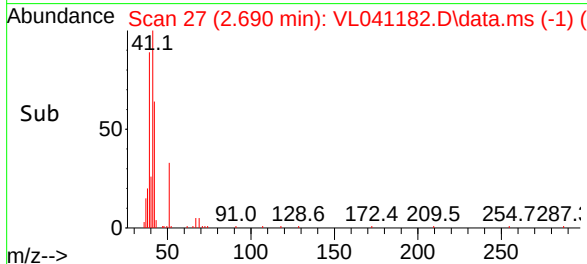
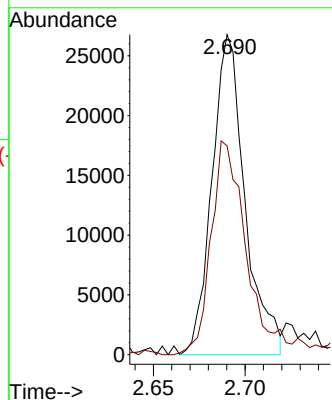
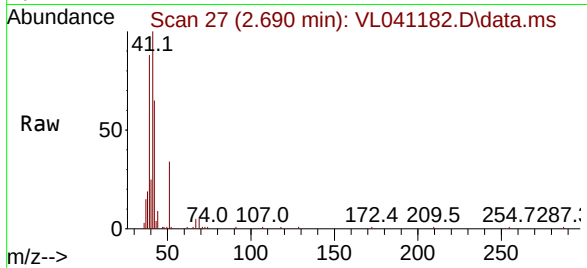
#9
 Propene
 Concen: 0.556 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 3351
 Ion Ratio Lower Upper
 41 100
 42 75.1 55.3 82.9

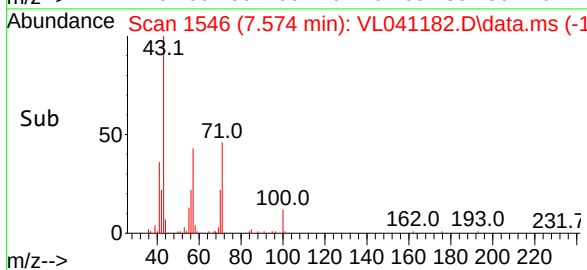
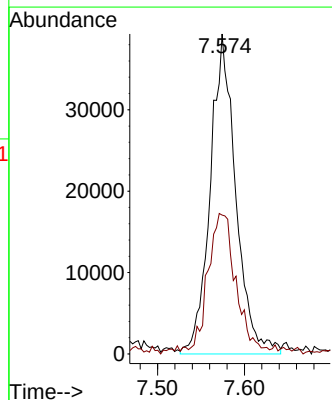
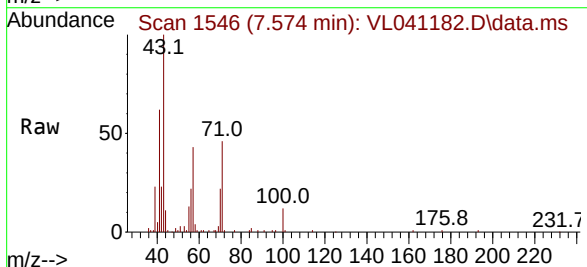
Manual Integrations
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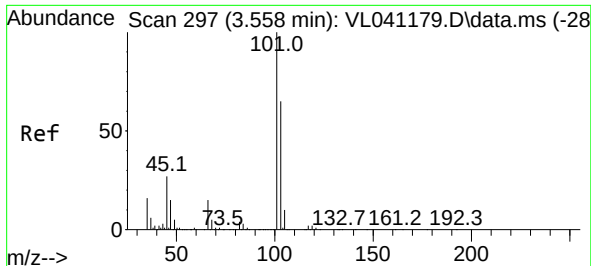
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#10
 Heptane
 Concen: 0.559 ppbv m
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.007 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Tgt Ion: 43 Resp: 80645
 Ion Ratio Lower Upper
 43 100
 57 52.2 38.7 58.1





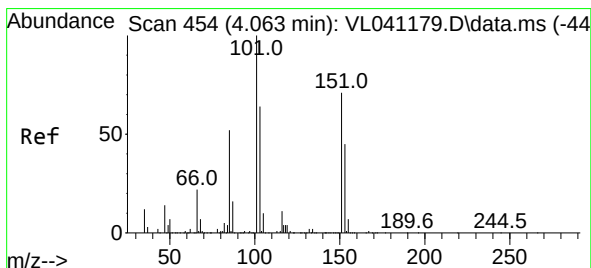
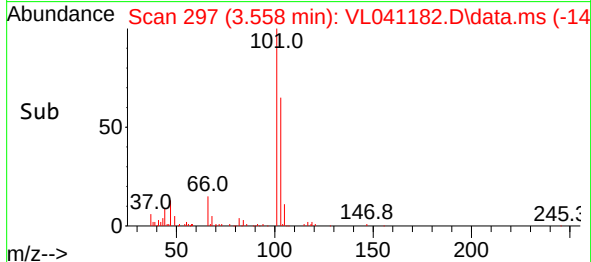
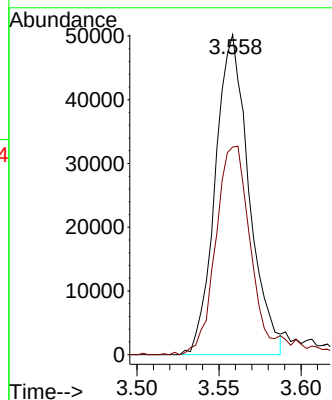
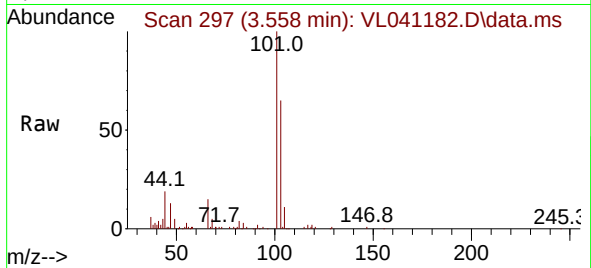
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 Trichlorofluoromethane
 Concen: 0.516 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.000 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 71752
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4

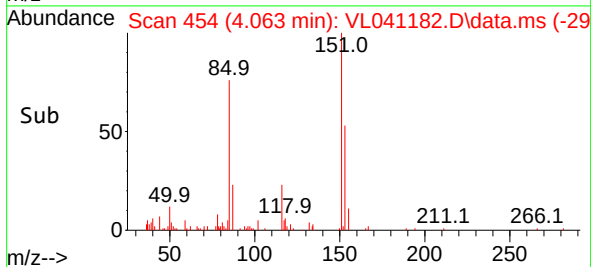
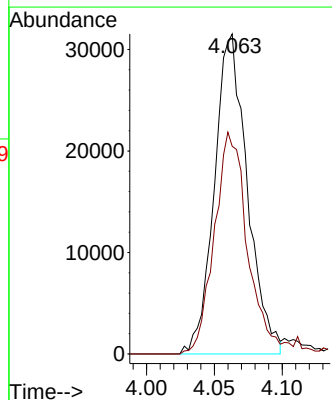
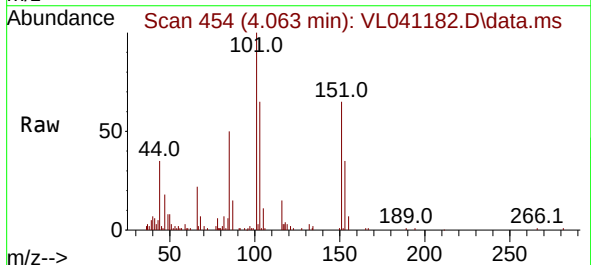
Manual Integrations
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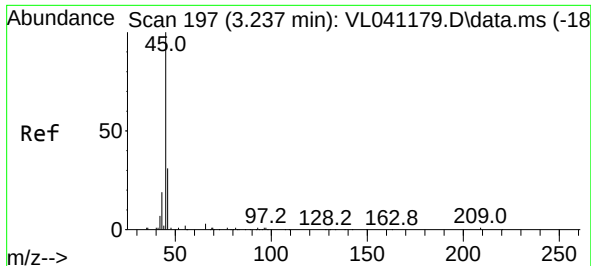
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.512 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

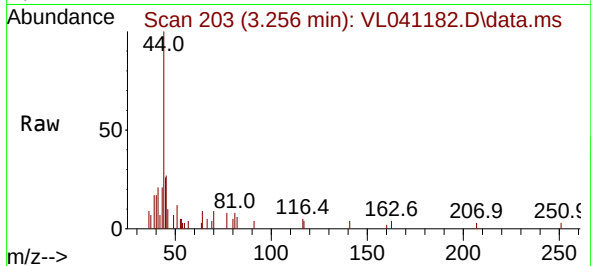
Tgt Ion:101 Resp: 53204
 Ion Ratio Lower Upper
 101 100
 151 72.7 56.8 85.2





#13
Ethanol
Concen: 0.456 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.019 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

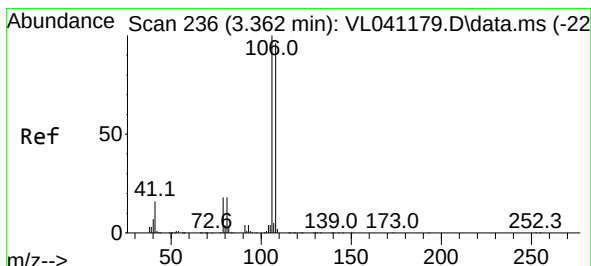
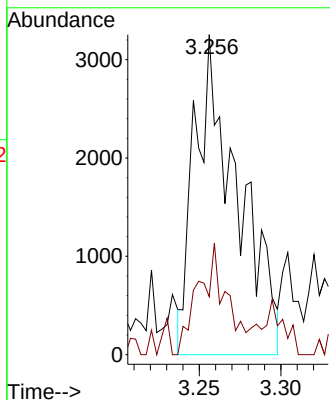
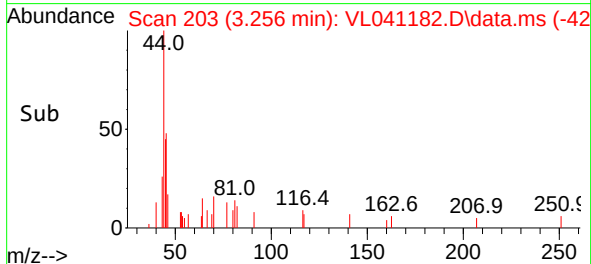
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



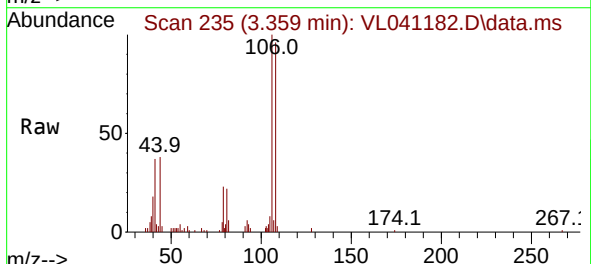
Tgt Ion: 45 Resp: 5930
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0

Manual Integrations
APPROVED

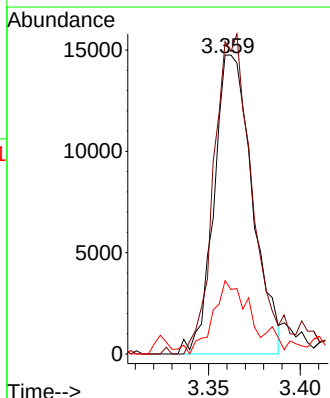
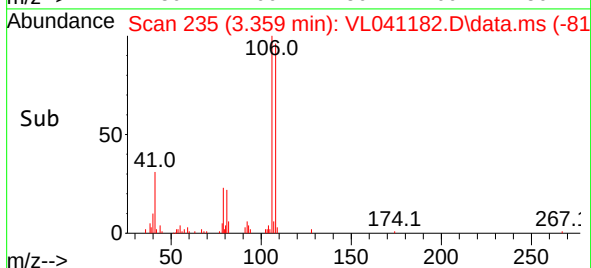
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

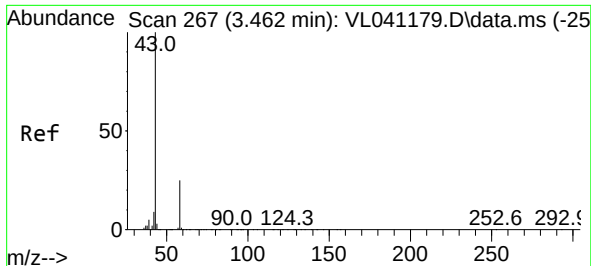


#14
Bromoethene
Concen: 0.496 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



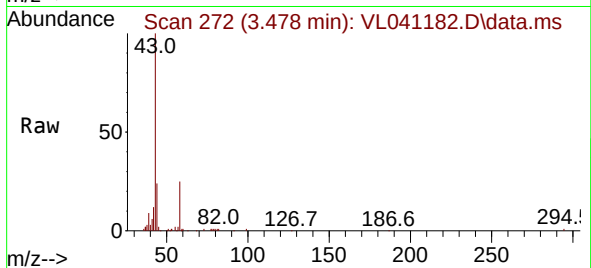
Tgt Ion:108 Resp: 21475
Ion Ratio Lower Upper
108 100
106 114.0 88.2 132.4
79 29.2 17.4 26.0





#15
Acetone
Concen: 0.551 ppbv m
RT: 3.478 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

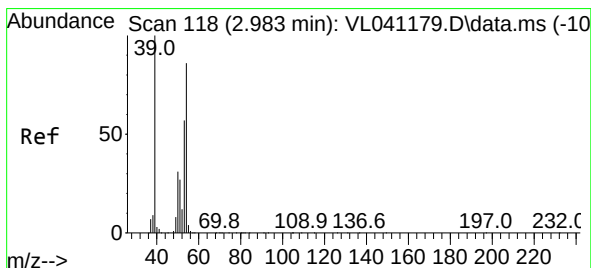
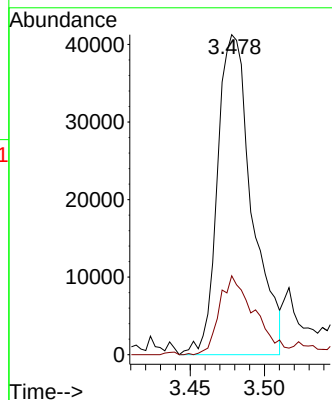
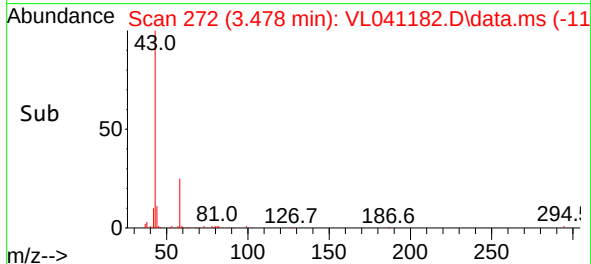
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 66550
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0

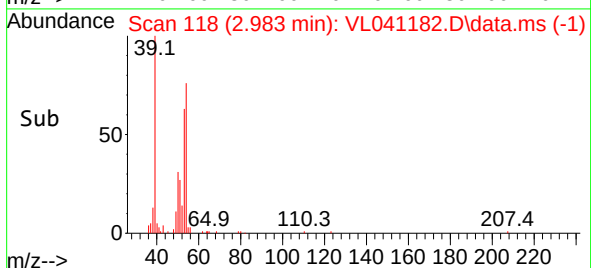
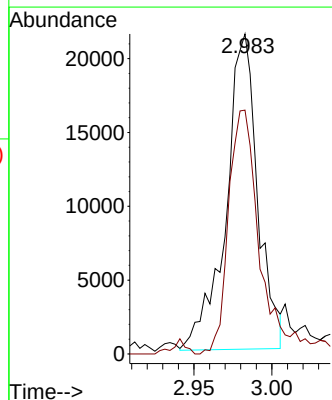
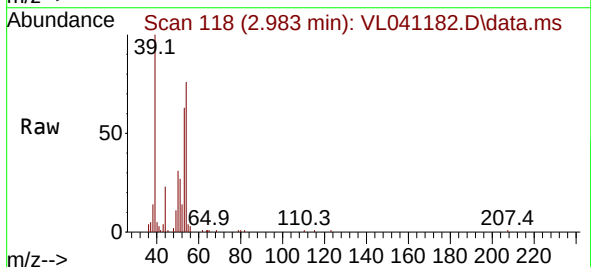
Manual Integrations
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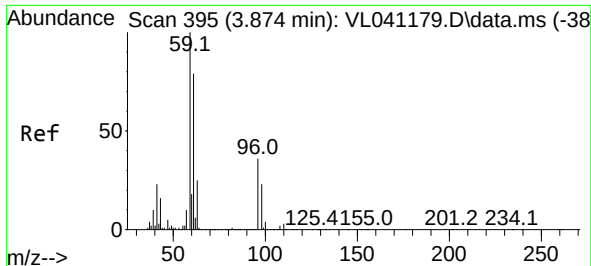
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#16
1,3-Butadiene
Concen: 0.505 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 39 Resp: 30332
Ion Ratio Lower Upper
39 100
54 81.2 62.2 93.4





#17

tert-Butyl alcohol

Concen: 0.435 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.019 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 5682

Ion Ratio Lower Upper

59 100

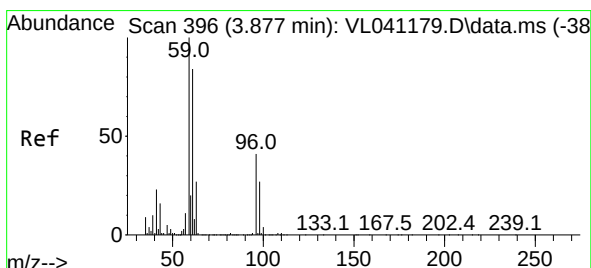
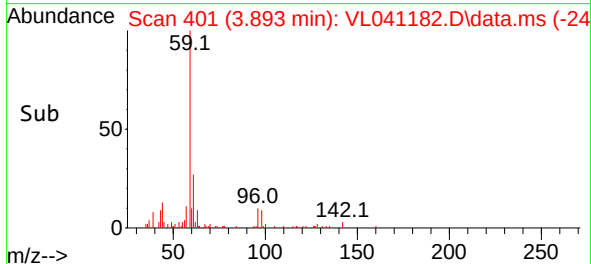
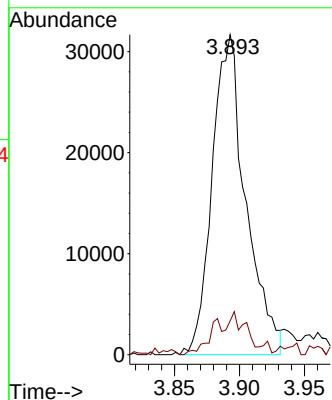
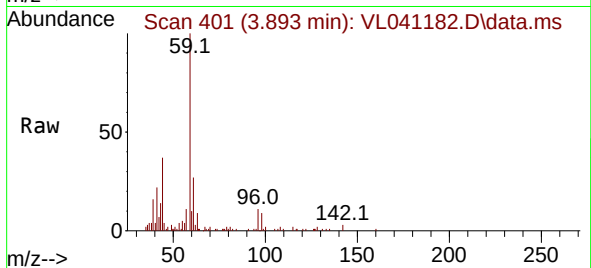
57 14.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#18

1,1-Dichloroethene

Concen: 0.484 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

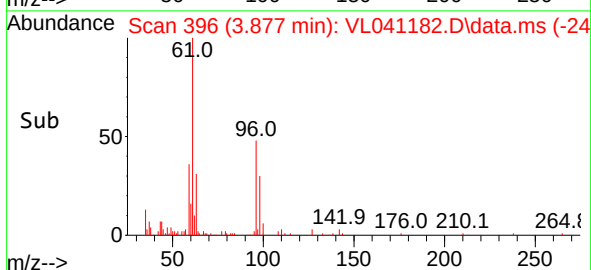
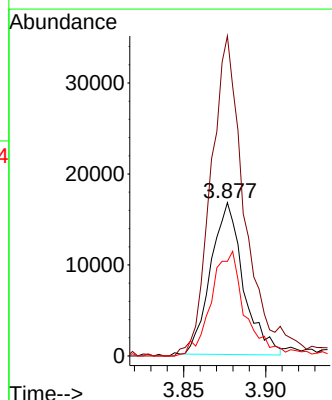
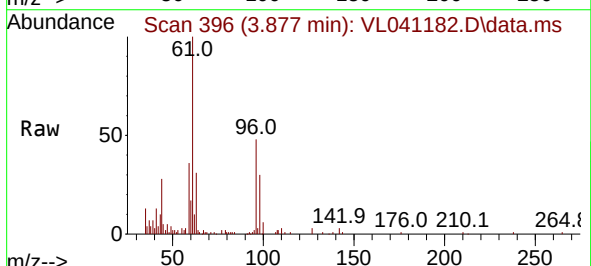
Tgt Ion: 96 Resp: 23046

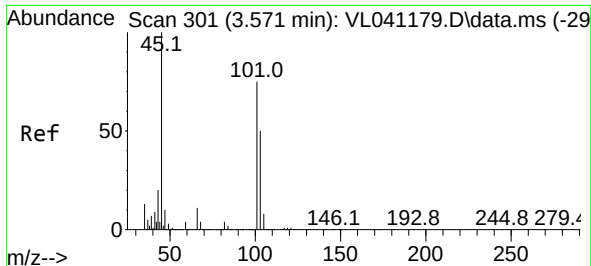
Ion Ratio Lower Upper

96 100

61 207.0 164.4 246.6

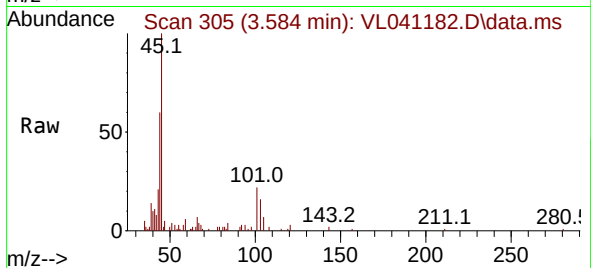
98 61.4 51.8 77.8





#19
Isopropyl Alcohol
Concen: 0.433 ppbv m
RT: 3.584 min Scan# 305
Delta R.T. 0.013 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

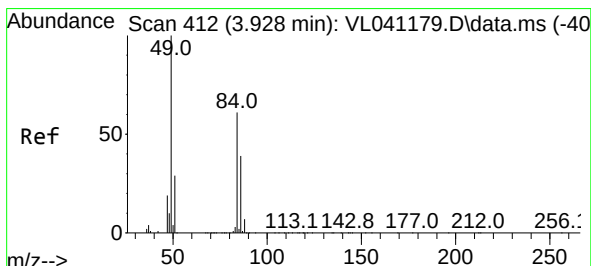
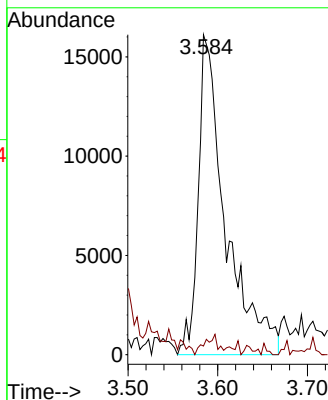
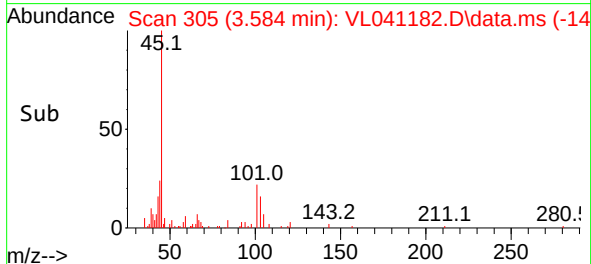
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



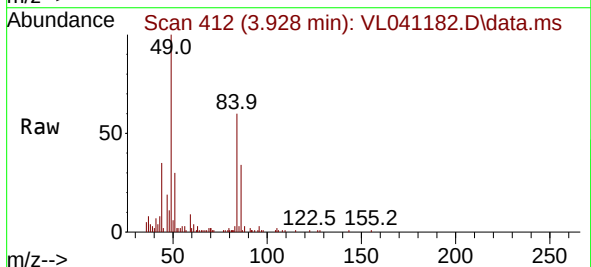
Tgt Ion: 45 Resp: 3402
Ion Ratio Lower Upper
45 100
58 0.0 26.8 40.2

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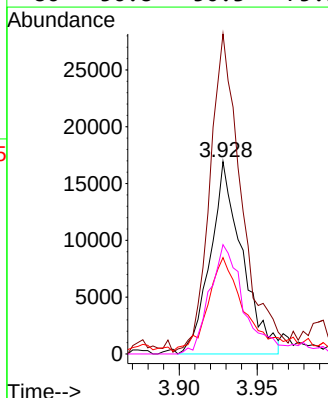
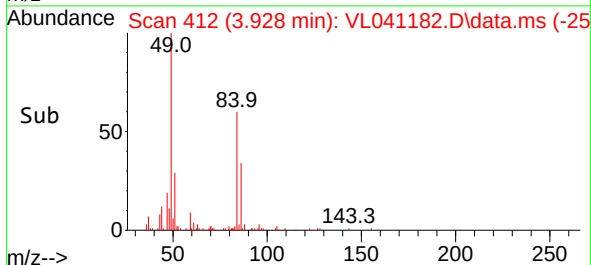
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

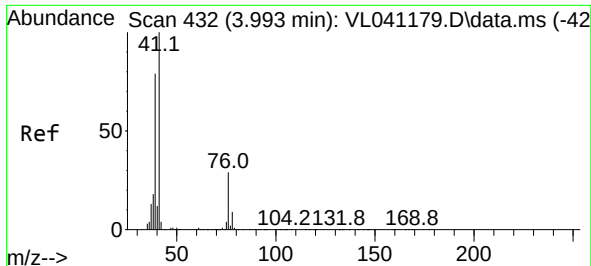


#20
Methylene Chloride
Concen: 0.573 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



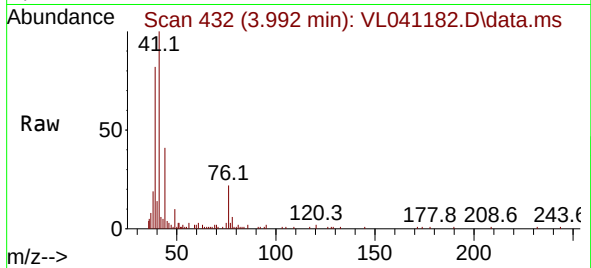
Tgt Ion: 84 Resp: 24047
Ion Ratio Lower Upper
84 100
49 160.9 130.4 195.6
51 46.5 38.0 57.0
86 56.8 50.3 75.5





#21
 Allyl Chloride
 Concen: 0.531 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

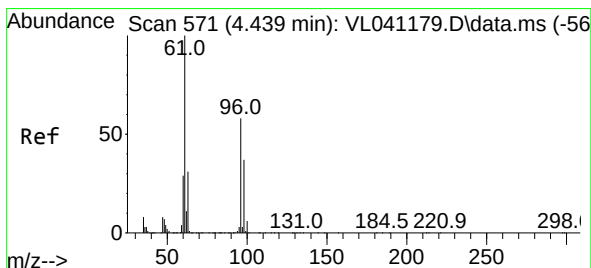
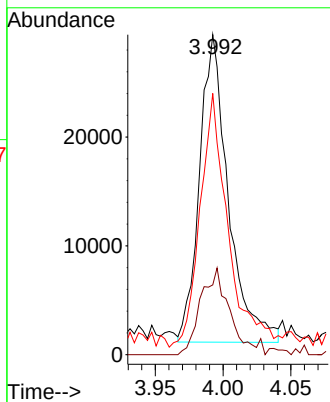
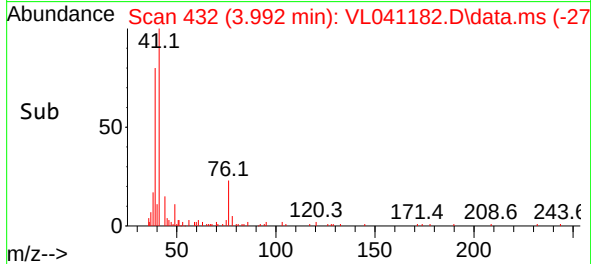
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



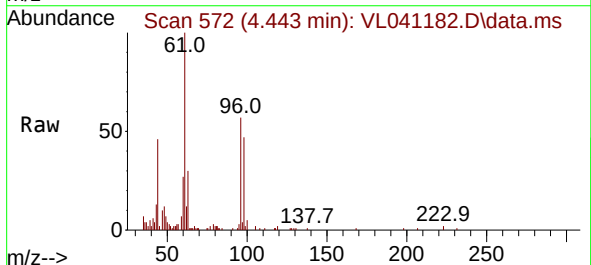
Tgt Ion: 41 Resp: 41770
 Ion Ratio Lower Upper
 41 100
 76 29.5 23.7 35.5
 39 79.8 64.7 97.1

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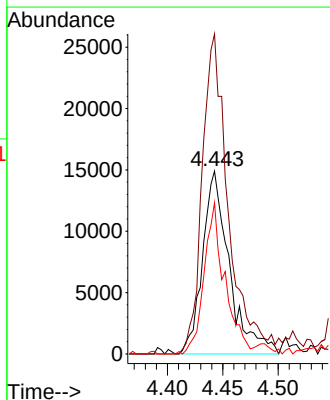
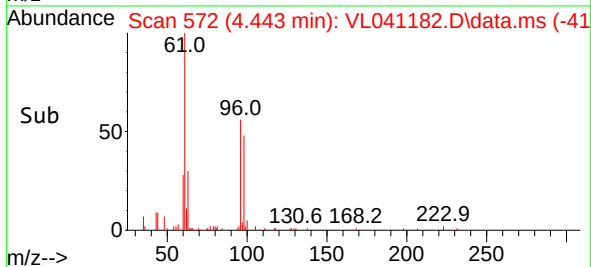
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

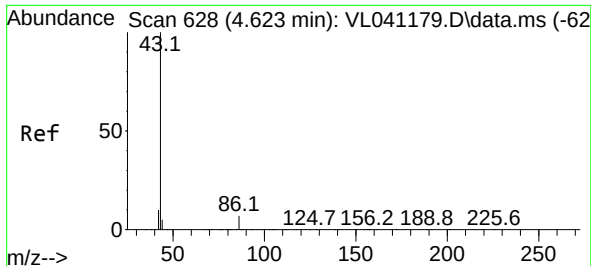


#22
 trans-1,2-Dichloroethene
 Concen: 0.534 ppbv m
 RT: 4.443 min Scan# 572
 Delta R.T. 0.003 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28



Tgt Ion: 96 Resp: 25107
 Ion Ratio Lower Upper
 96 100
 61 175.0 137.6 206.4
 98 82.6 50.6 76.0#





#23
 Vinyl Acetate
 Concen: 0.498 ppbv m
 RT: 4.629 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_1

ClientSampleId :

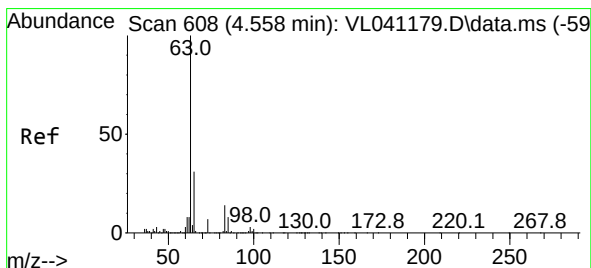
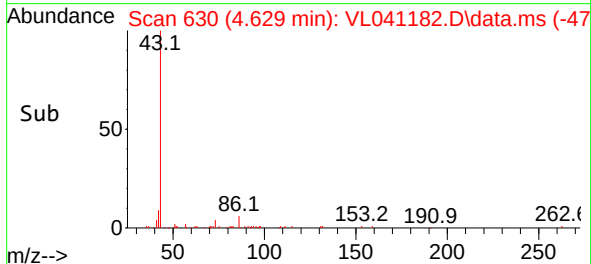
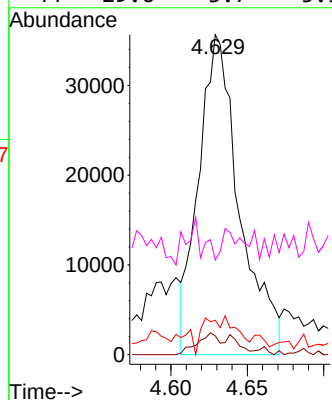
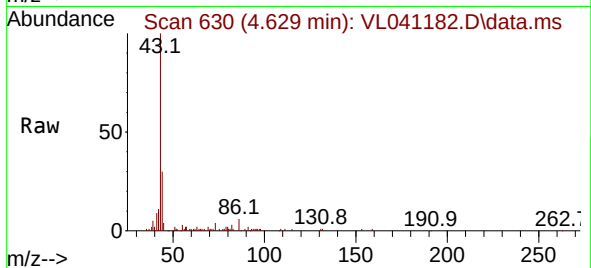
VSTDIC0.5

Tgt Ion: 43 Resp: 6638
 Ion Ratio Lower Upper
 43 100
 86 5.9 4.9 7.3
 42 10.7 8.0 12.0
 44 29.6 3.7 5.5#

Manual Integrations

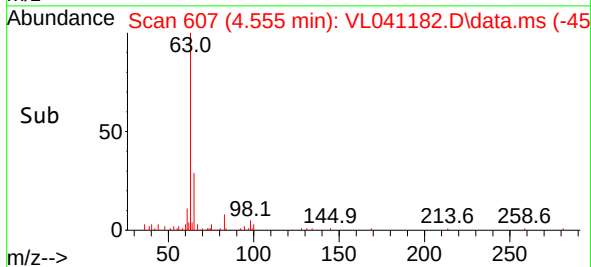
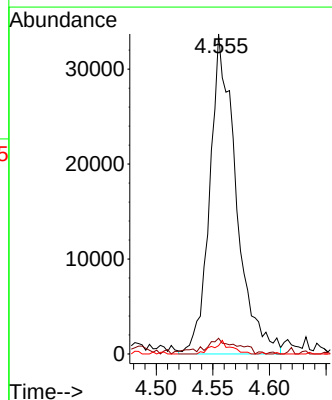
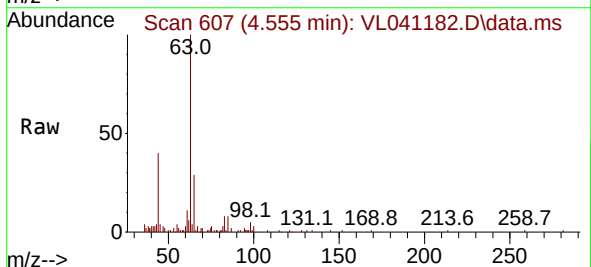
APPROVED

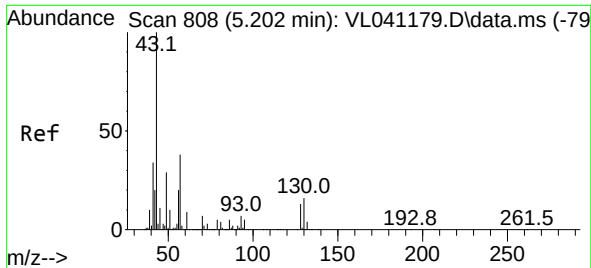
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#24
 1,1-Dichloroethane
 Concen: 0.530 ppbv m
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Tgt Ion: 63 Resp: 54506
 Ion Ratio Lower Upper
 63 100
 98 4.9 1.6 4.8#
 100 2.6 1.1 3.5





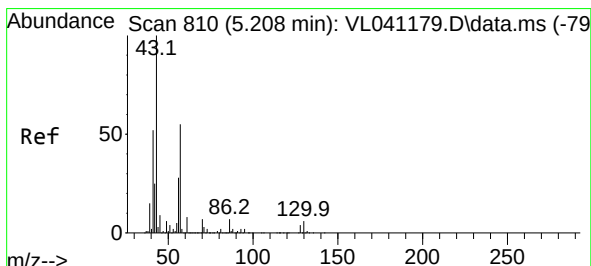
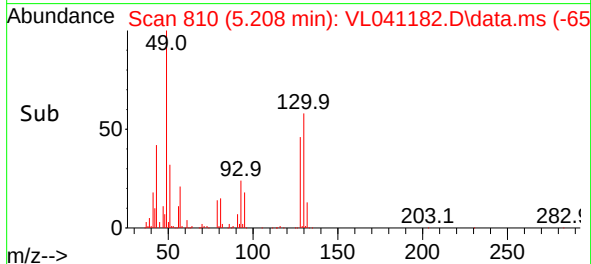
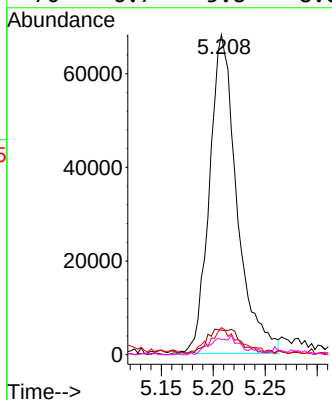
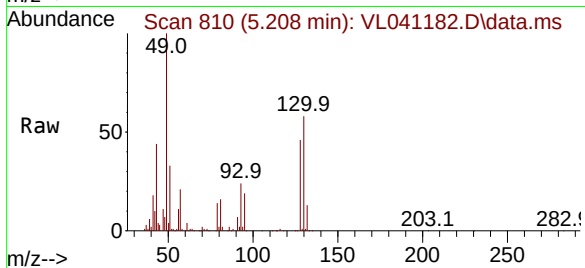
#25
Ethyl Acetate
Concen: 0.528 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43	Resp: 125069
Ion Ratio	Lower Upper
43 100	
45 10.5	8.2 12.2
61 10.4	7.7 11.5
70 6.7	5.8 8.6

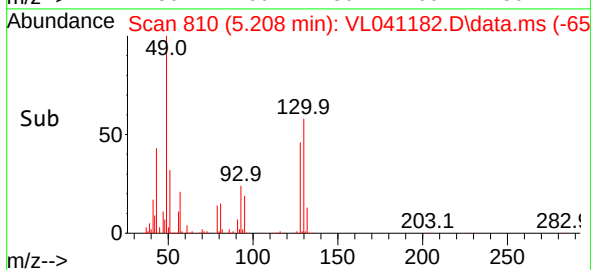
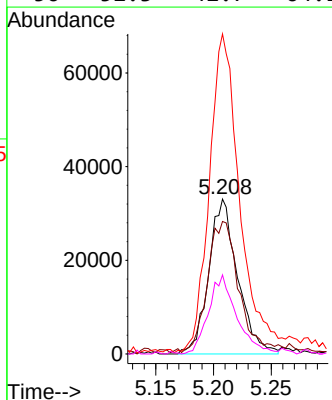
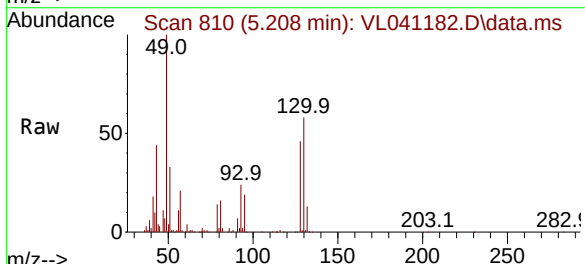
Manual Integrations
APPROVED

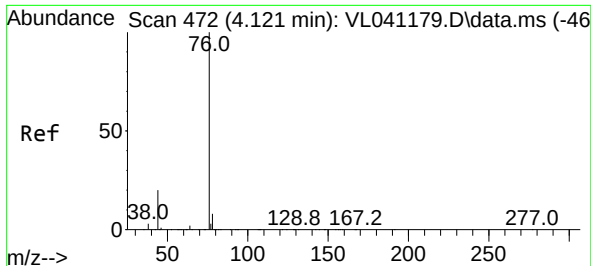
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#26
Hexane
Concen: 0.550 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

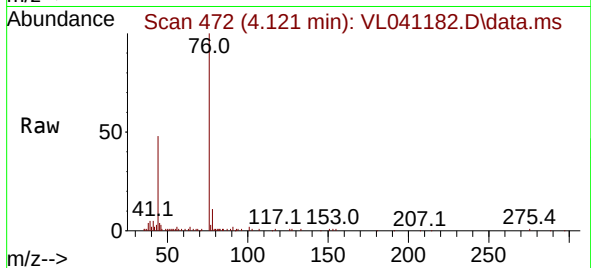
Tgt	Ion: 57	Resp:	57726
Ion	Ratio	Lower	Upper
57	100		
41	96.3	75.8	113.8
43	233.9	187.0	280.4
56	52.3	42.7	64.1





#27
Carbon Disulfide
Concen: 0.527 ppbv m
RT: 4.121 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

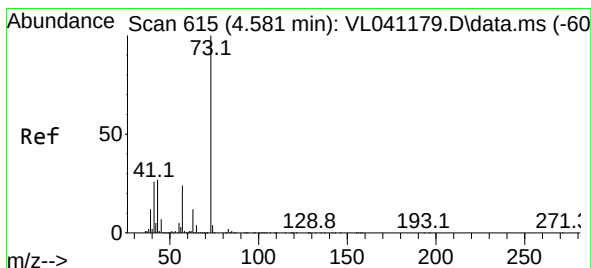
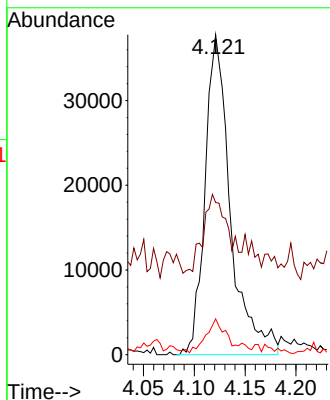
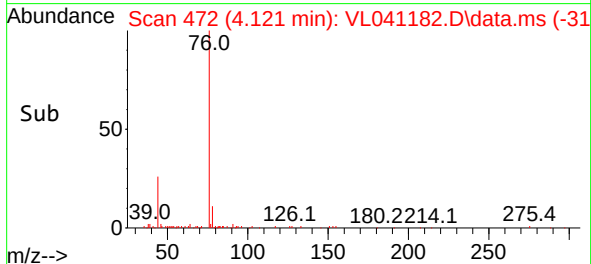
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



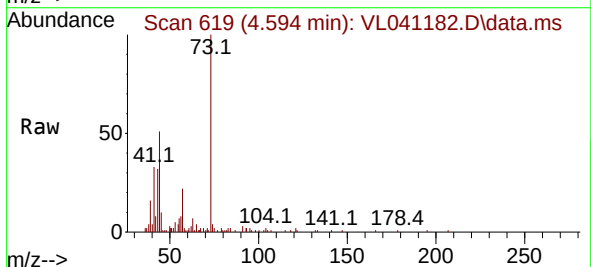
Tgt Ion: 76 Resp: 65602
Ion Ratio Lower Upper
76 100
44 30.3 16.3 24.5
78 13.4 7.3 10.9

Manual Integrations
APPROVED

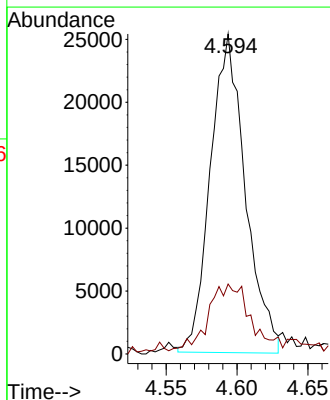
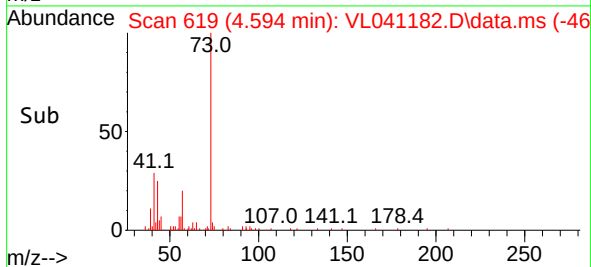
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

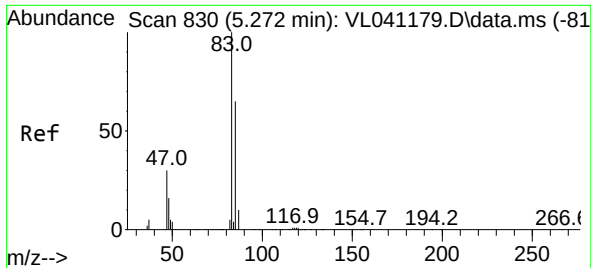


#28
Methyl tert-Butyl Ether
Concen: 0.509 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



Tgt Ion: 73 Resp: 43466
Ion Ratio Lower Upper
73 100
57 35.5 18.8 28.2





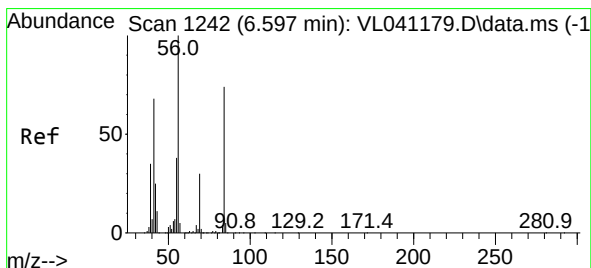
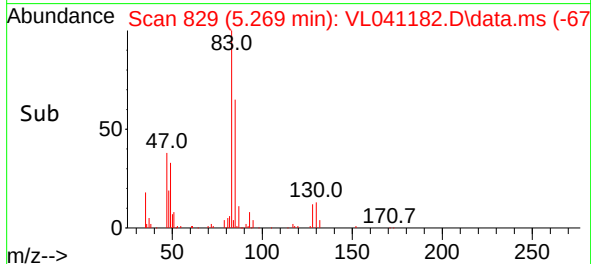
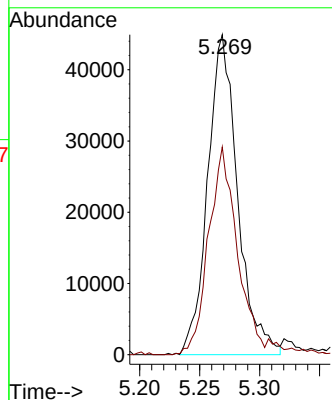
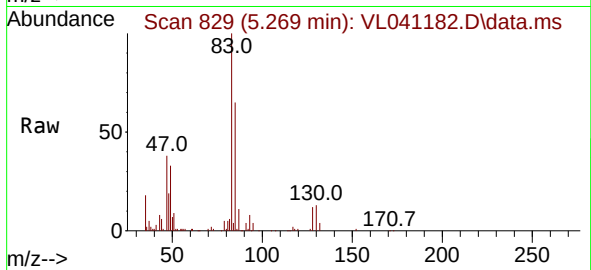
#29
Chloroform
Concen: 0.532 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 77830
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5

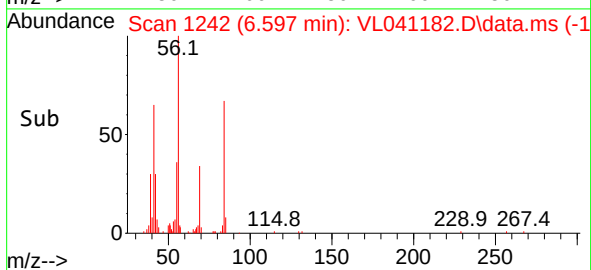
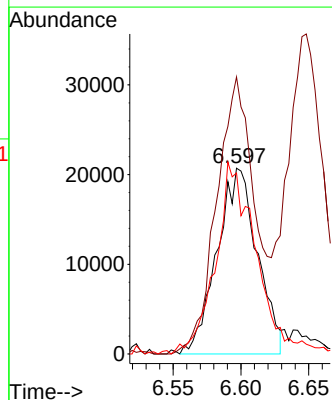
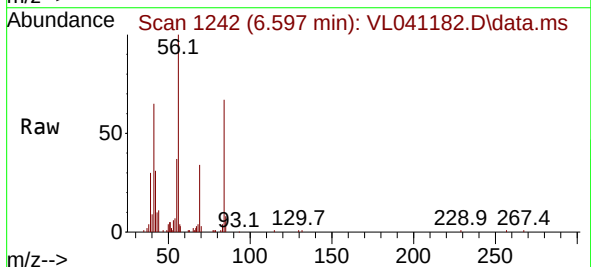
Manual Integrations
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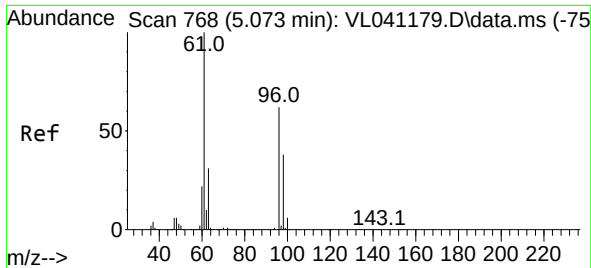
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#30
Cyclohexane
Concen: 0.497 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 84 Resp: 42810
Ion Ratio Lower Upper
84 100
56 142.6 116.8 175.2
41 109.2 73.8 110.8





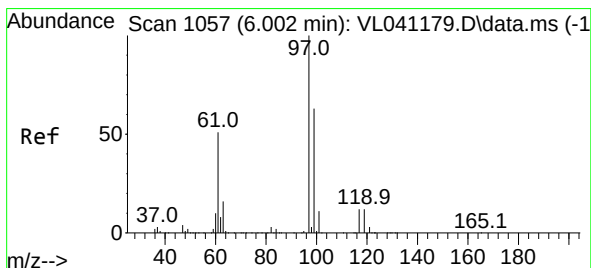
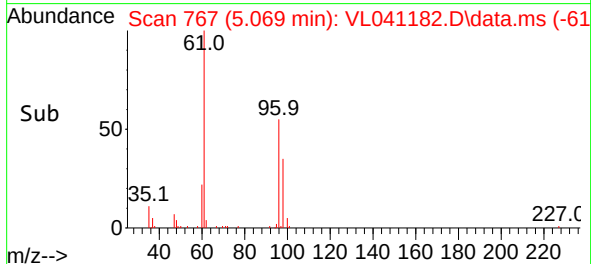
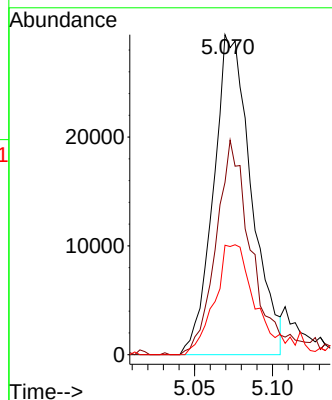
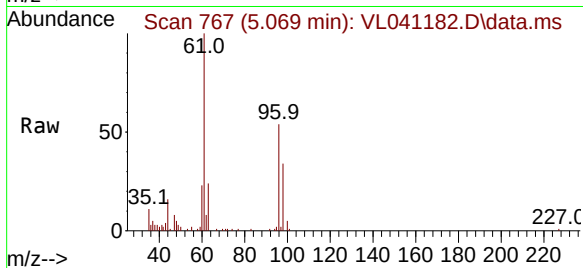
#31
 cis-1,2-Dichloroethene
 Concen: 0.495 ppbv
 RT: 5.069 min Scan# 768
 Delta R.T. -0.003 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 49720
 Ion Ratio Lower Upper
 61 100
 96 53.8 49.8 74.6
 98 34.2 30.0 45.0

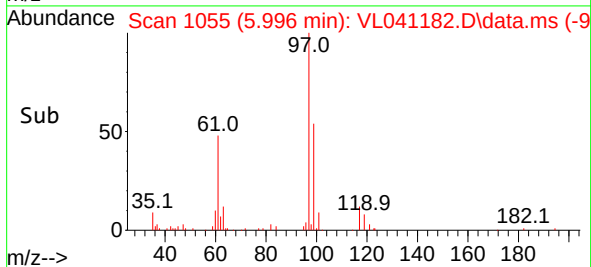
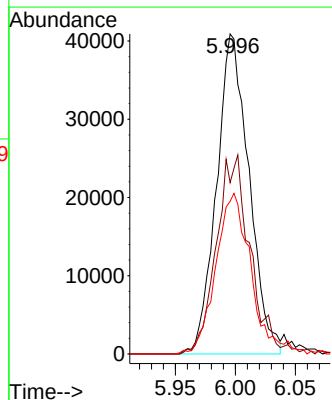
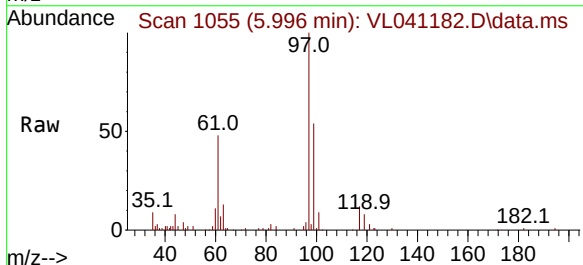
Manual Integrations
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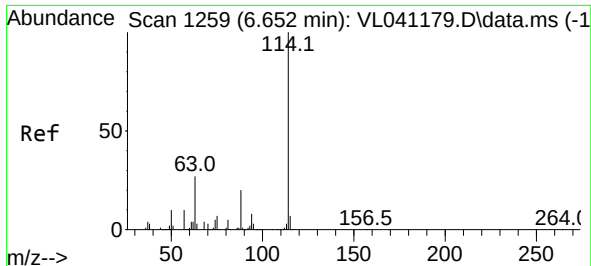
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.524 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.007 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

Tgt Ion: 97 Resp: 76972
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 54.7 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041182.D

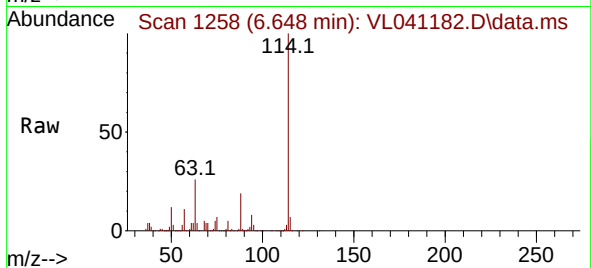
Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:114 Resp: 259489

Ion Ratio Lower Upper

114 100

63 26.3 21.8 32.6

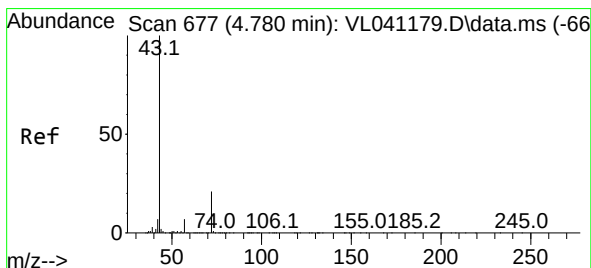
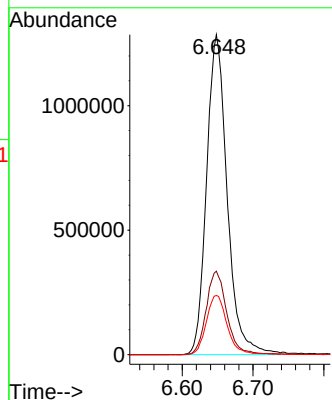
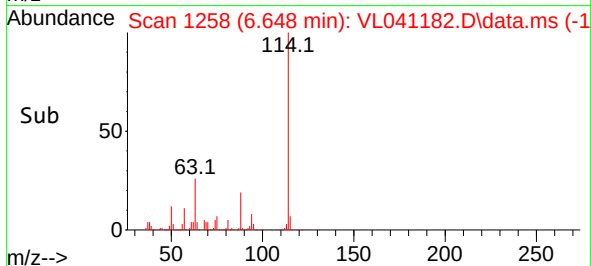
88 19.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#34

2-Butanone

Concen: 0.545 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL041182.D

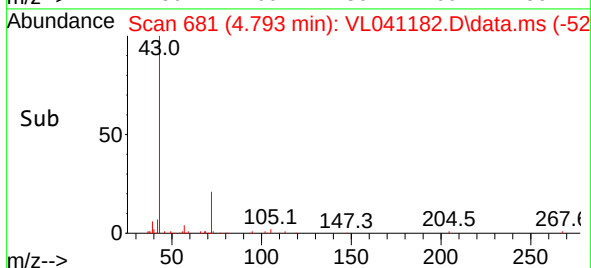
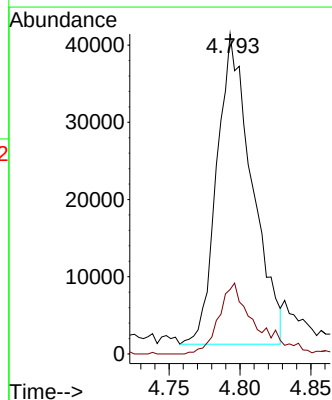
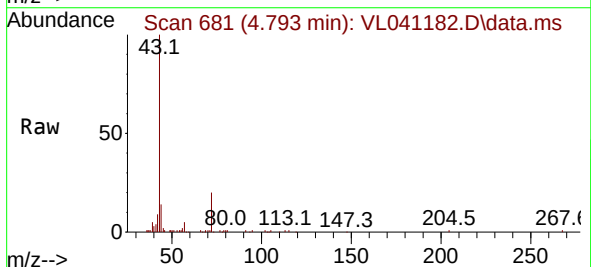
Acq: 29 Apr 2024 13:28

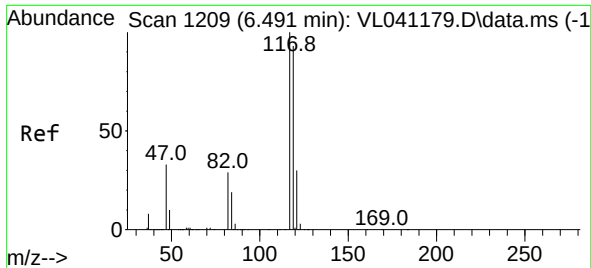
Tgt Ion: 43 Resp: 69254

Ion Ratio Lower Upper

43 100

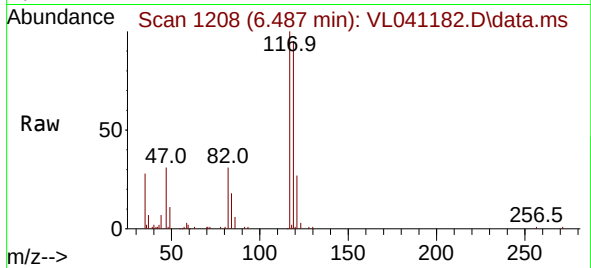
72 24.1 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.502 ppbv
RT: 6.487 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

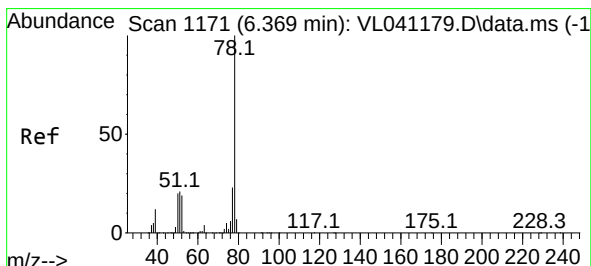
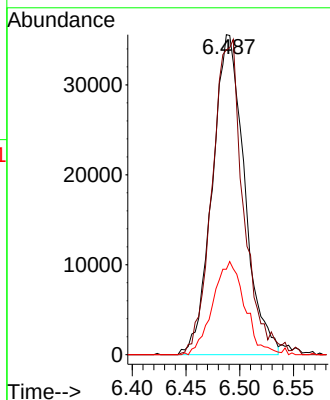
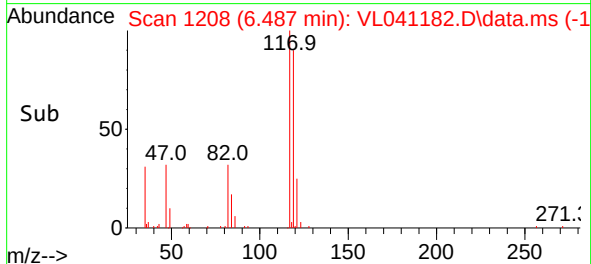
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



Tgt Ion: 117 Resp: 7398
Ion Ratio Lower Upper
117 100
119 95.3 74.3 111.5
121 26.7 23.8 35.8

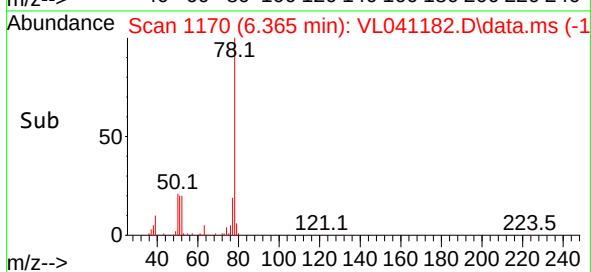
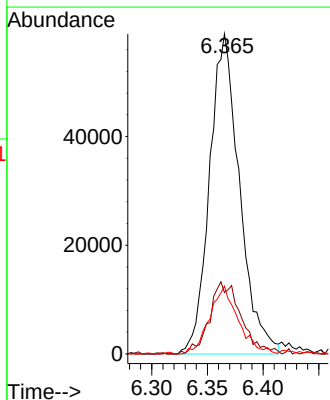
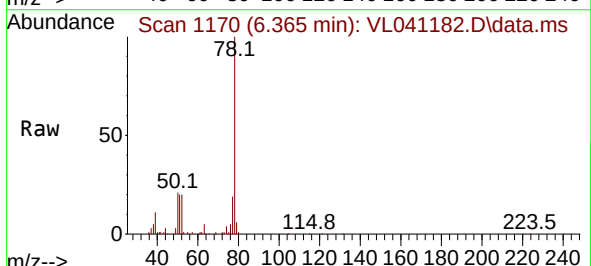
Manual Integrations
APPROVED

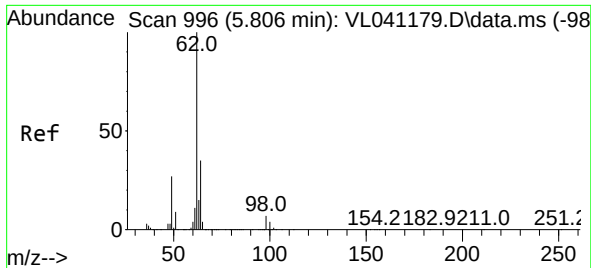
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
Benzene
Concen: 0.506 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

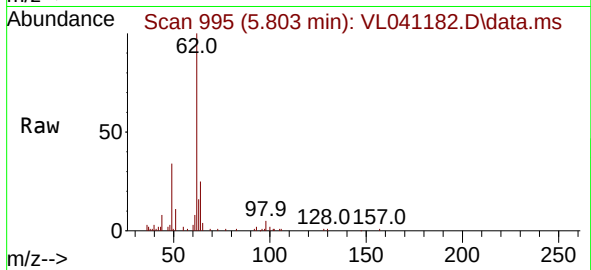
Tgt Ion: 78 Resp: 110367
Ion Ratio Lower Upper
78 100
77 19.2 18.3 27.5
50 21.2 15.9 23.9





#37
1,2-Dichloroethane
Concen: 0.499 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

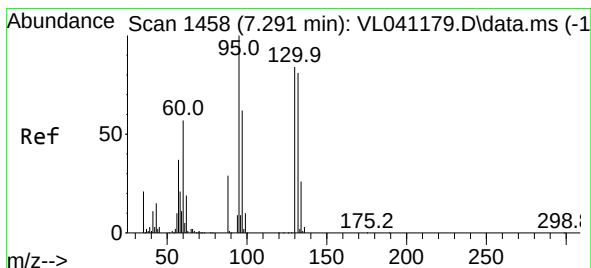
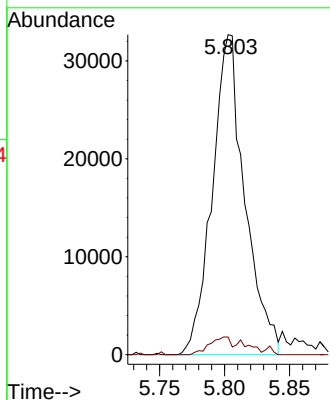
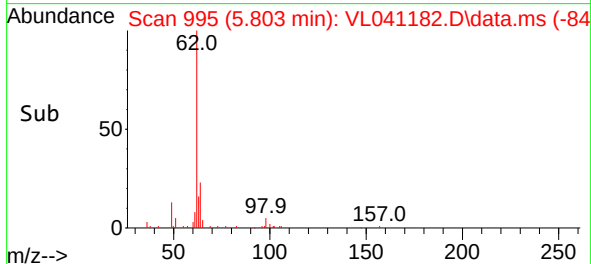
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



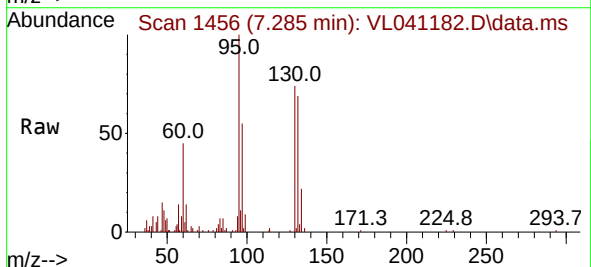
Tgt Ion: 62 Resp: 56950
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

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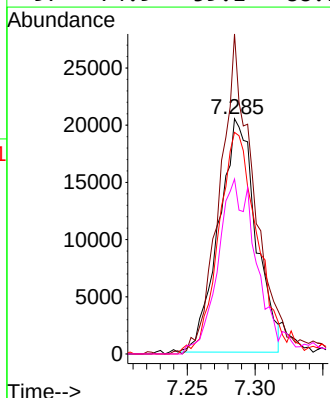
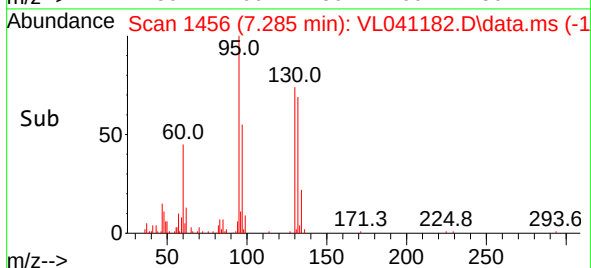
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

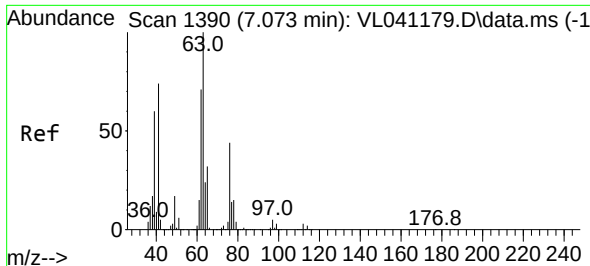


#38
Trichloroethene
Concen: 0.470 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



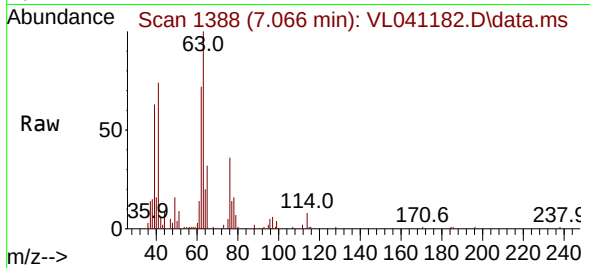
Tgt Ion:130 Resp: 38725
Ion Ratio Lower Upper
130 100
95 135.8 95.0 142.6
132 94.9 77.0 115.4
97 74.9 59.1 88.7





#39
1,2-Dichloropropane
Concen: 0.497 ppbv
RT: 7.066 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

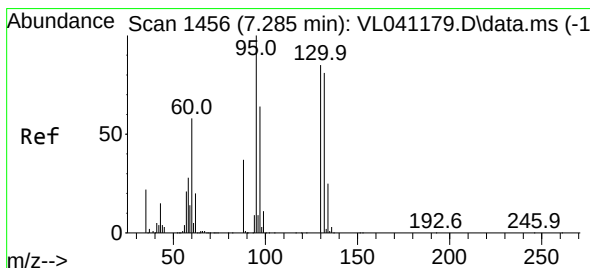
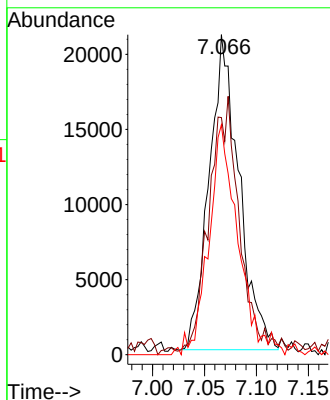
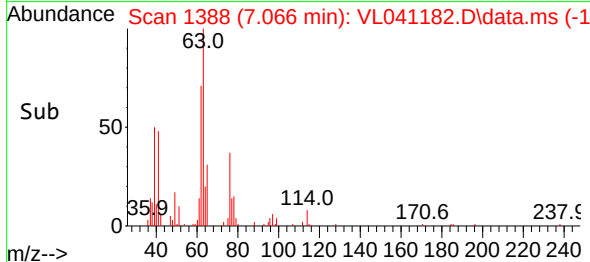
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 63 Resp: 4195
Ion Ratio Lower Upper
63 100
41 72.4 59.4 89.0
62 70.7 56.8 85.2

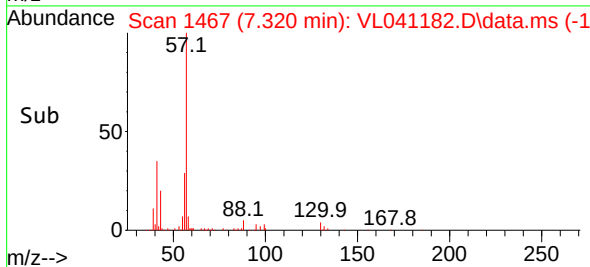
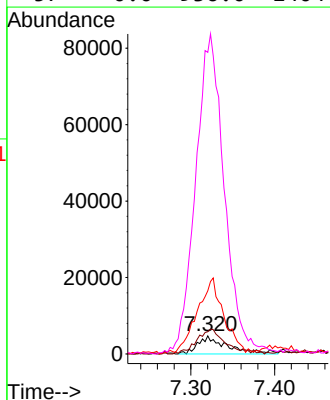
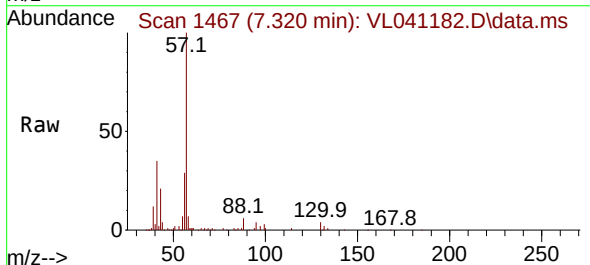
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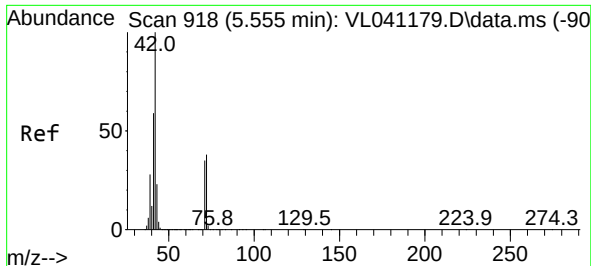
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#40
1,4-Dioxane
Concen: 0.384 ppbv m
RT: 7.320 min Scan# 1467
Delta R.T. 0.035 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

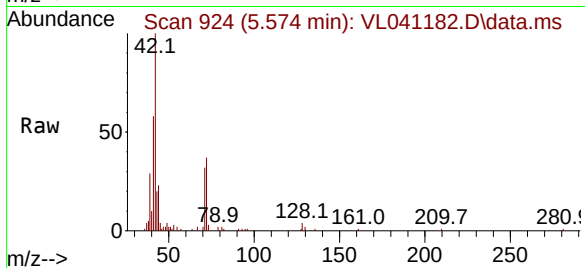
Tgt Ion: 88 Resp: 11552
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 219.8 329.6#
57 0.0 936.0 1404.0#





#41
Tetrahydrofuran
Concen: 0.553 ppbv m
RT: 5.574 min Scan# 918
Delta R.T. 0.019 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

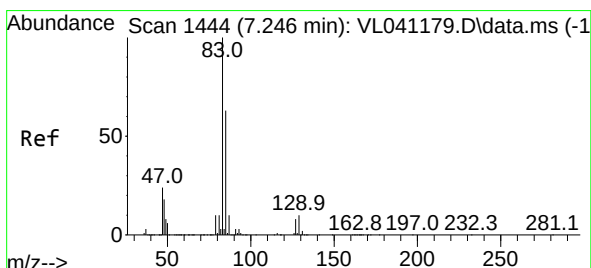
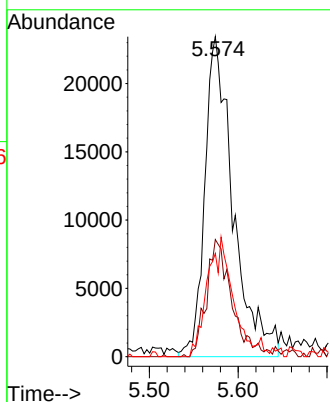
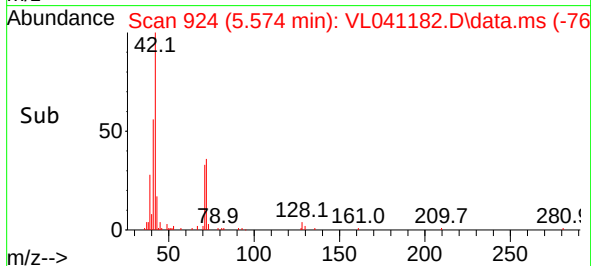
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 5194
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0
71 0.0 29.1 43.7

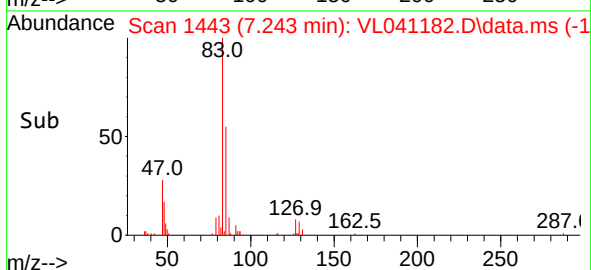
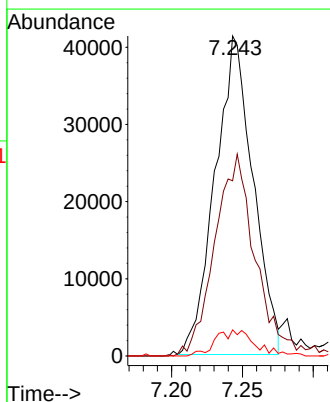
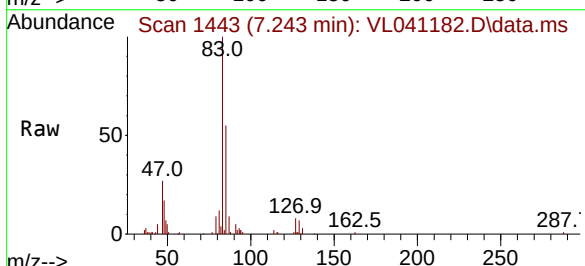
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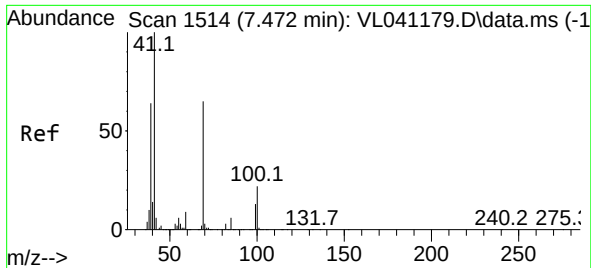
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#42
Bromodichloromethane
Concen: 0.461 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 83 Resp: 76921
Ion Ratio Lower Upper
83 100
85 54.3 50.6 75.8
127 8.2 6.2 9.4





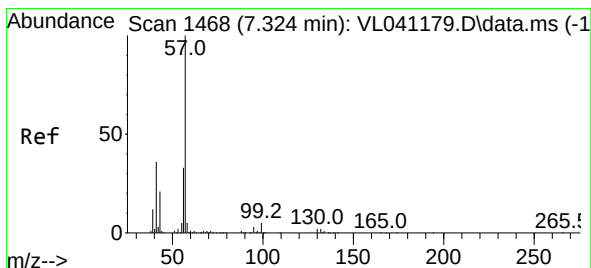
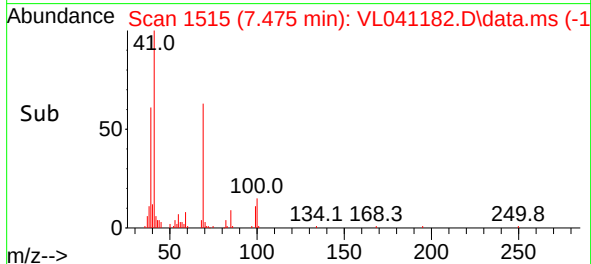
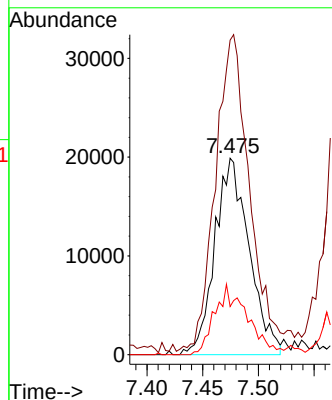
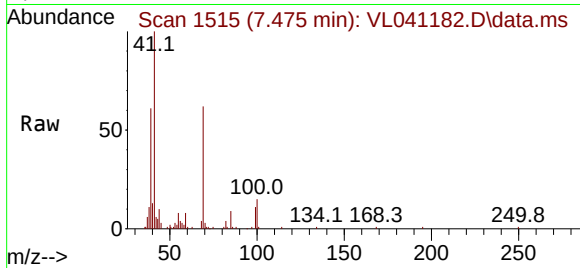
#43
Methyl Methacrylate
Concen: 0.477 ppbv
RT: 7.475 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 42710
Ion Ratio Lower Upper
69 100
41 166.0 125.2 187.8
100 35.1 26.7 40.1

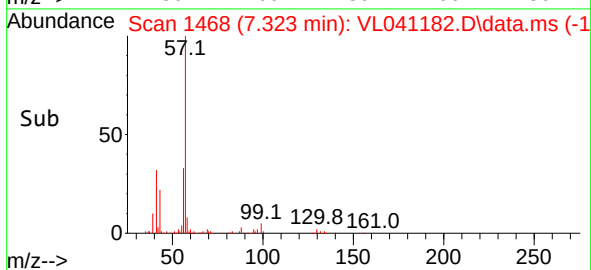
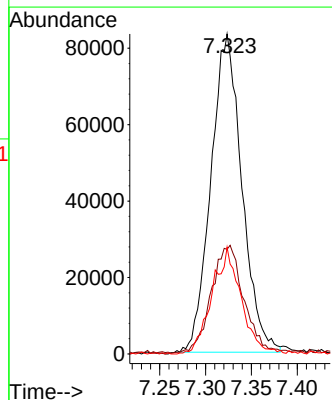
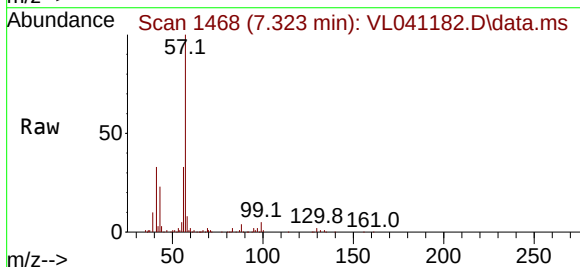
Manual Integrations
APPROVED

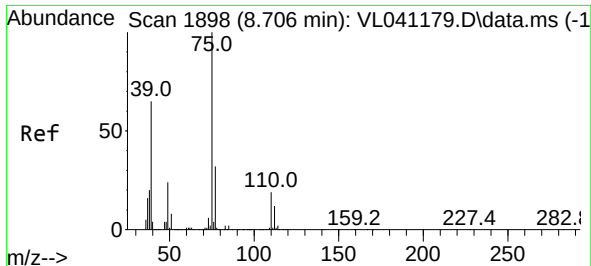
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
2,2,4-Trimethylpentane
Concen: 0.517 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 57 Resp: 195404
Ion Ratio Lower Upper
57 100
41 36.4 29.5 44.3
56 31.5 25.3 37.9





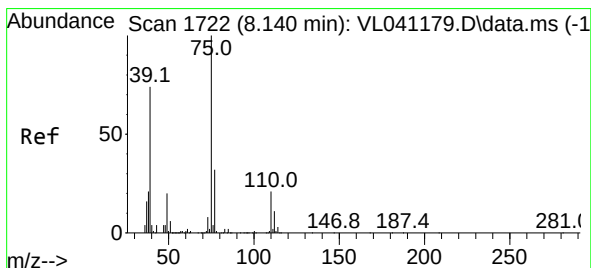
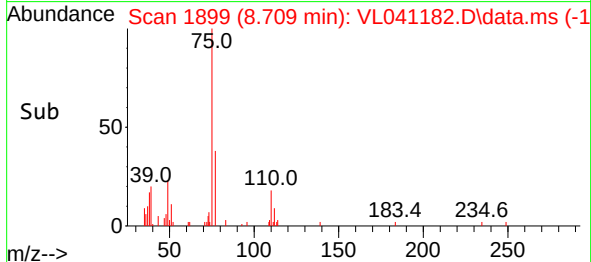
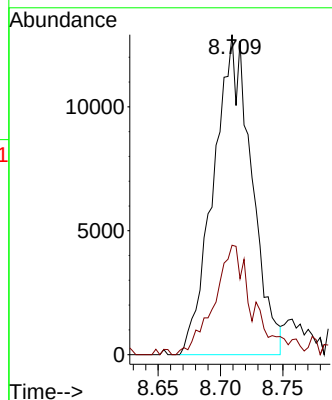
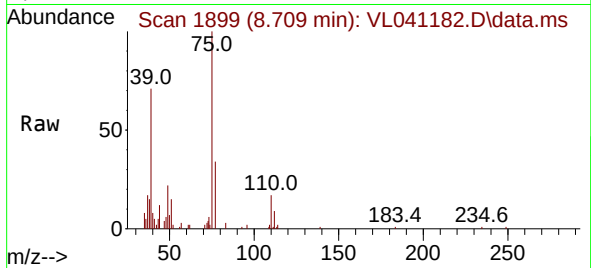
#45
t-1,3-Dichloropropene
Concen: 0.421 ppbv
RT: 8.709 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4

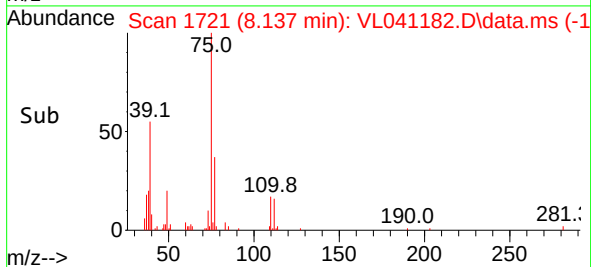
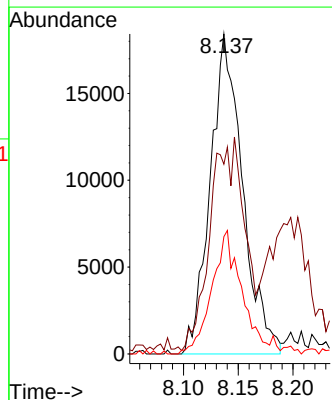
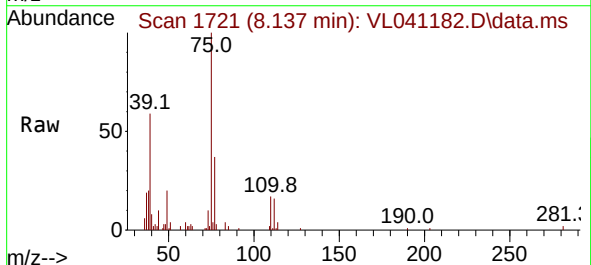
Manual Integrations
APPROVED

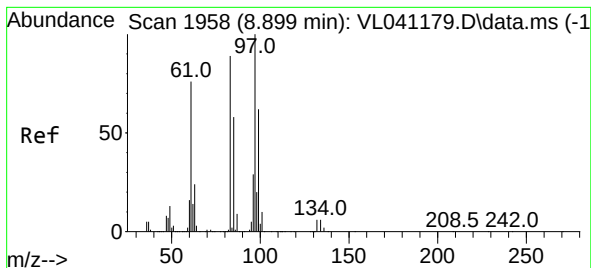
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
cis-1,3-Dichloropropene
Concen: 0.477 ppbv m
RT: 8.137 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 75 Resp: 37886
Ion Ratio Lower Upper
75 100
39 59.3 59.4 89.2#
77 36.7 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.513 ppbv

RT: 8.893 min Scan# 1958

Delta R.T. -0.007 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 43110

Ion Ratio Lower Upper

97 100

83 77.7 71.2 106.8

85 61.4 46.0 69.0

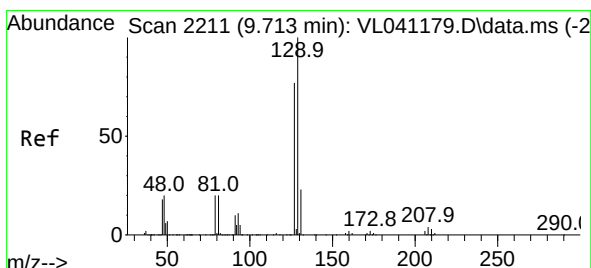
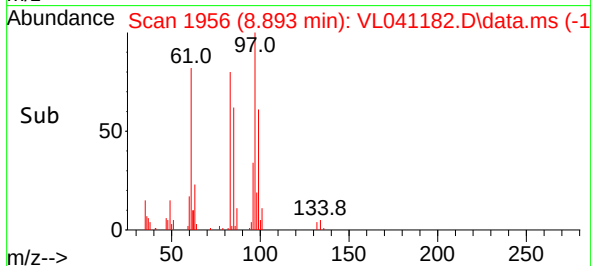
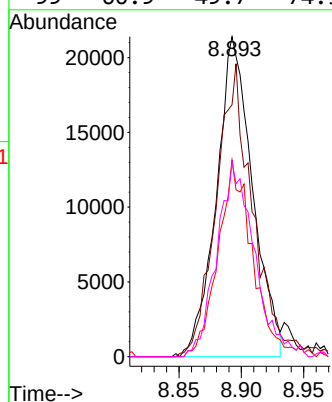
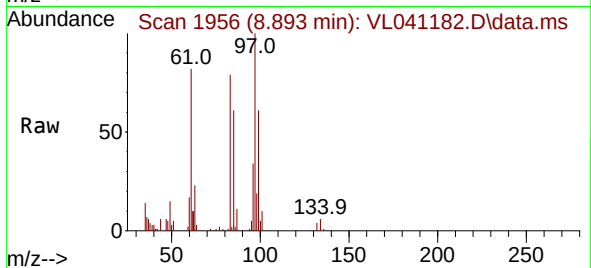
99 60.9 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#48

Dibromochloromethane

Concen: 0.457 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.010 min

Lab File: VL041182.D

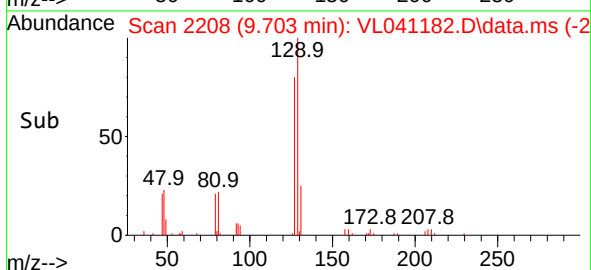
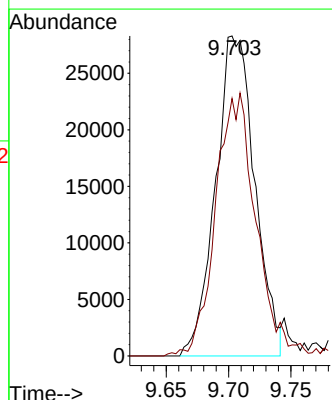
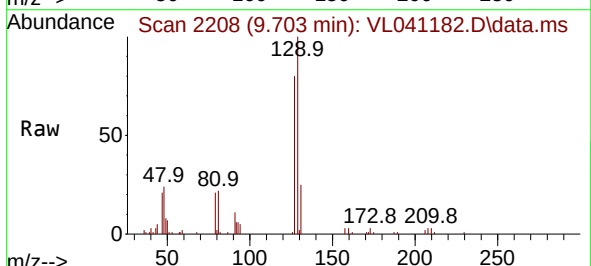
Acq: 29 Apr 2024 13:28

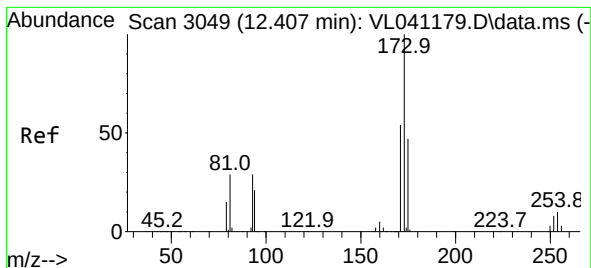
Tgt Ion:129 Resp: 62014

Ion Ratio Lower Upper

129 100

127 85.9 39.1 117.5





#49

Bromoform

Concen: 0.429 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

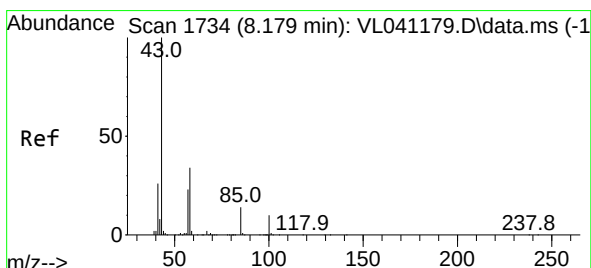
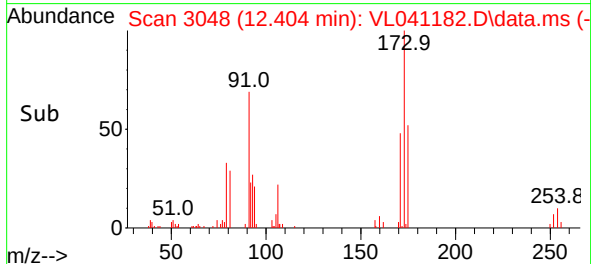
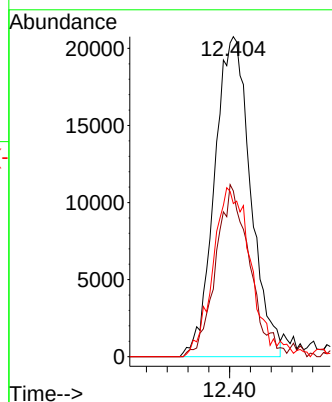
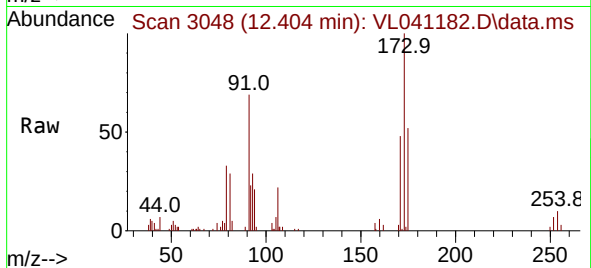
VSTDIC0.5

Tgt Ion:	173	Resp:	50079
Ion Ratio	Lower	Upper	
173	100		
175	52.0	39.8	59.8
171	56.0	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: 0.488 ppbv

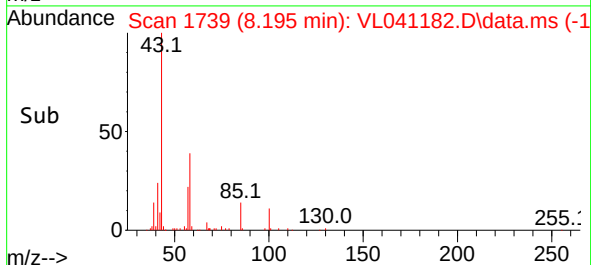
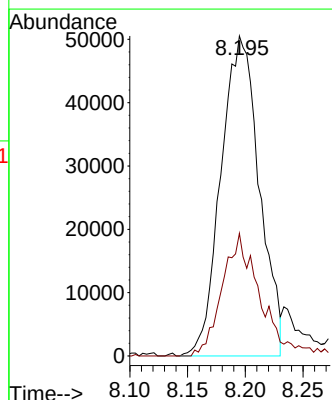
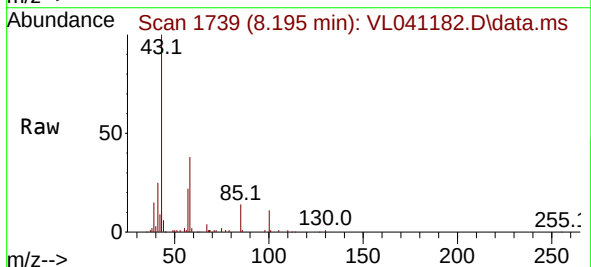
RT: 8.195 min Scan# 1739

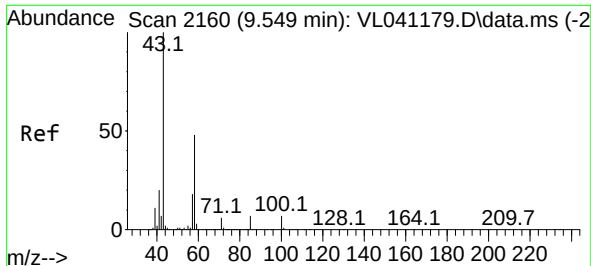
Delta R.T. 0.016 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

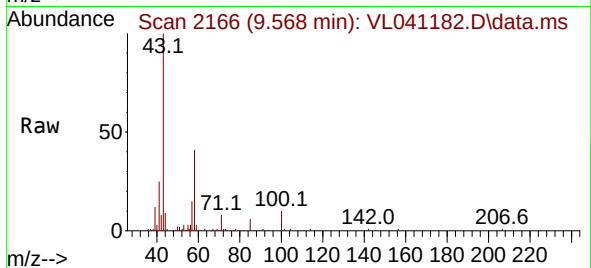
Tgt Ion:	43	Resp:	116934
Ion Ratio	Lower	Upper	
43	100		
58	39.2	27.7	41.5





#51
2-Hexanone
Concen: 0.521 ppbv m
RT: 9.568 min Scan# 2160
Delta R.T. 0.019 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

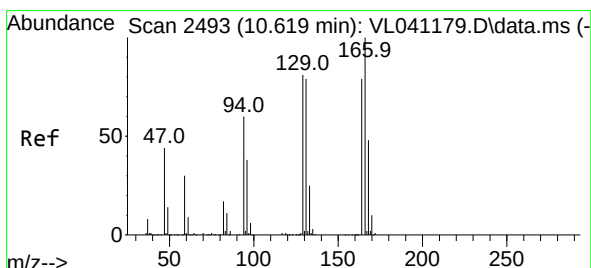
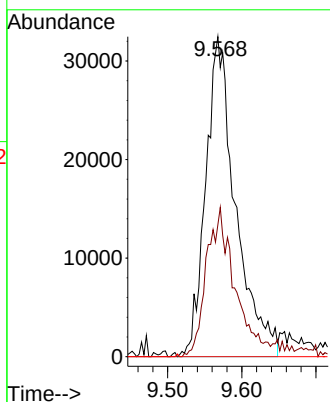
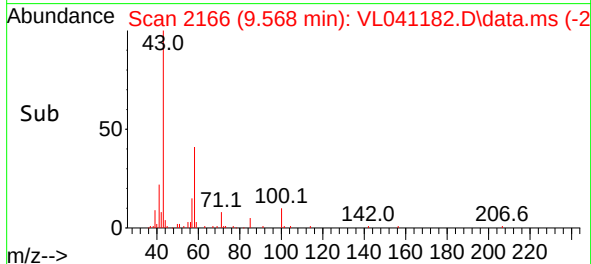
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 9085
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 0.0 0.0 0.0

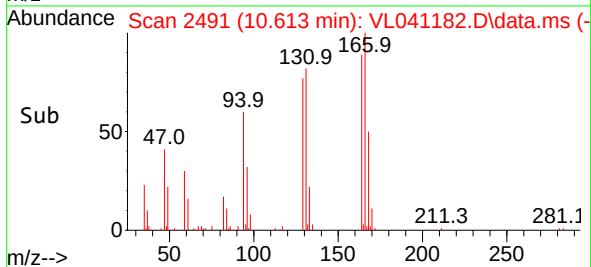
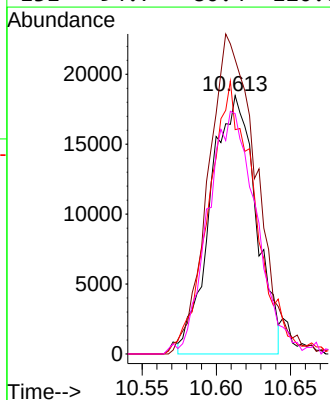
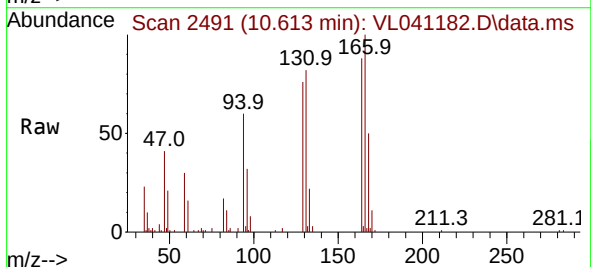
Manual Integrations
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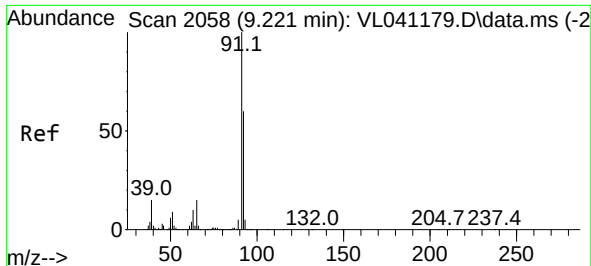
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#52
Tetrachloroethene
Concen: 0.510 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion:164 Resp: 39233
Ion Ratio Lower Upper
164 100
166 113.0 101.1 151.7
129 85.2 81.7 122.5
131 94.7 80.4 120.6





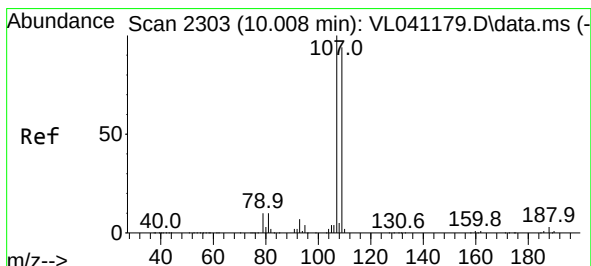
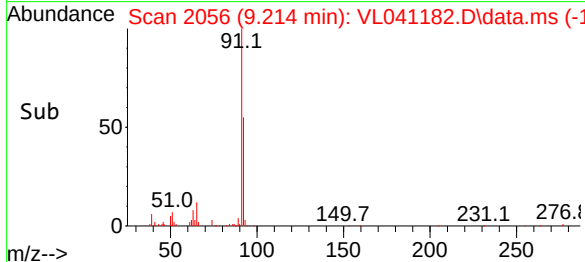
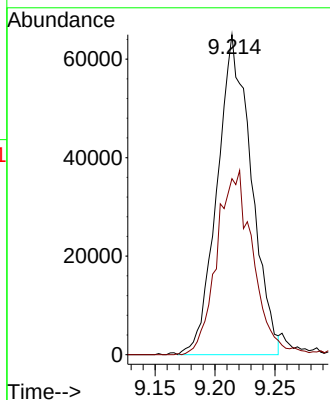
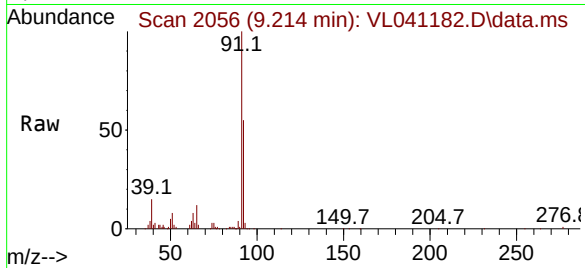
#53
Toluene
Concen: 0.506 ppbv
RT: 9.214 min Scan# 2058
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 12875
Ion Ratio Lower Upper
91 100
92 61.6 48.2 72.4

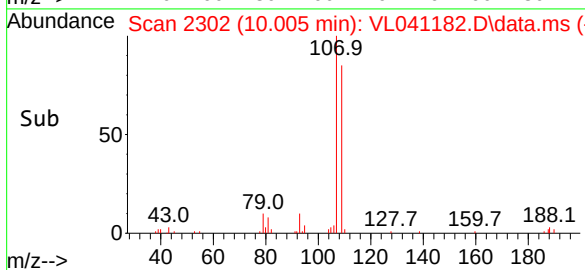
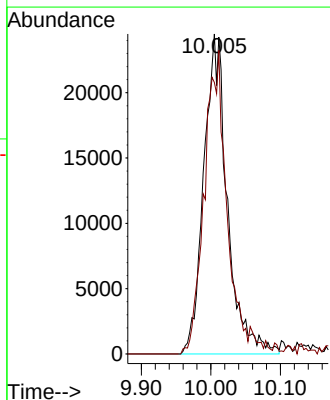
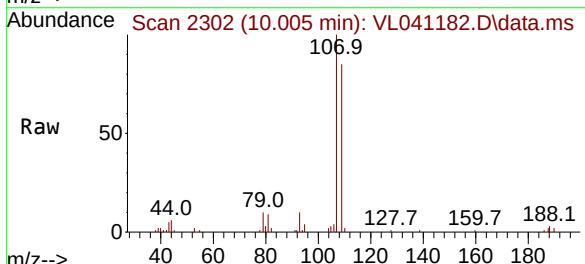
Manual Integrations
APPROVED

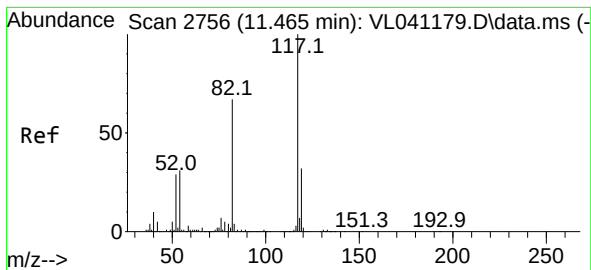
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#54
1,2-Dibromoethane
Concen: 0.505 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

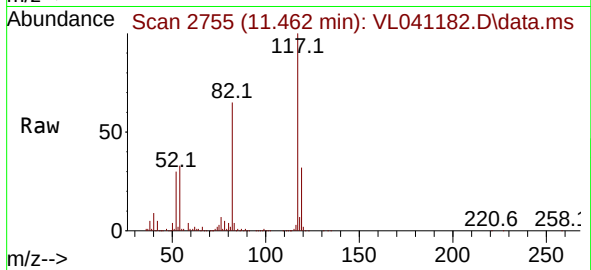
Tgt Ion:107 Resp: 57682
Ion Ratio Lower Upper
107 100
109 84.8 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

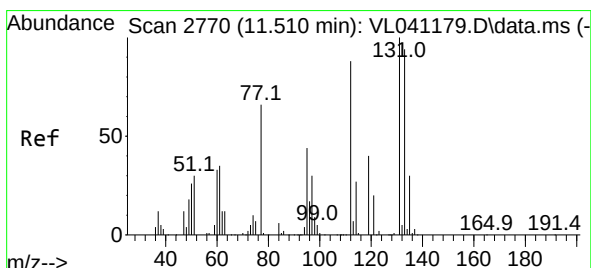
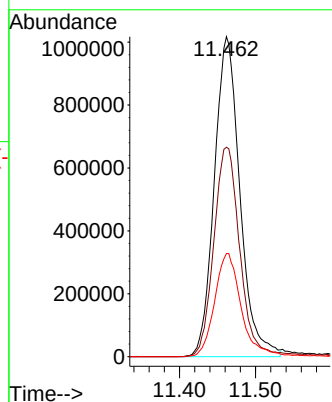
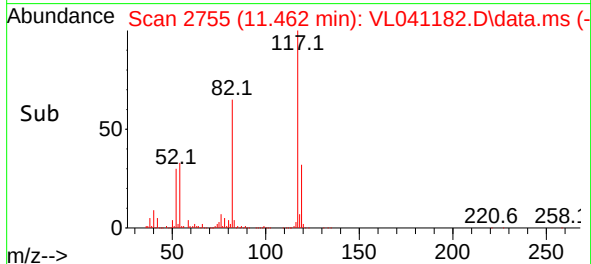
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:117 Resp: 238009
Ion Ratio Lower Upper
117 100
82 67.9 53.6 80.4
119 33.8 27.2 40.8

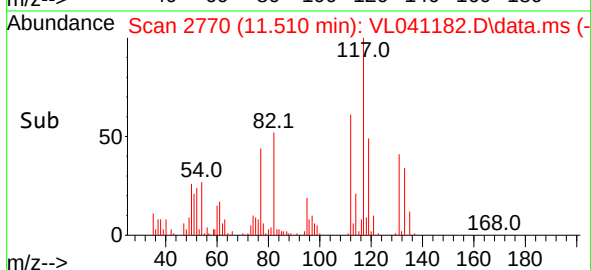
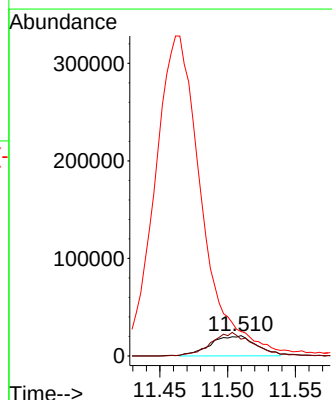
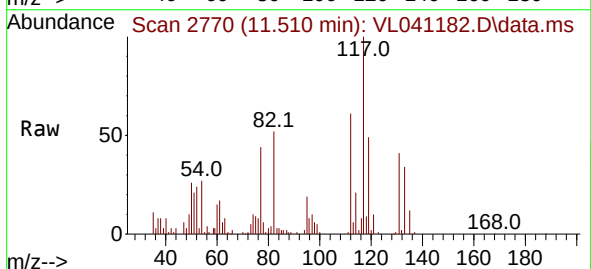
Manual Integrations
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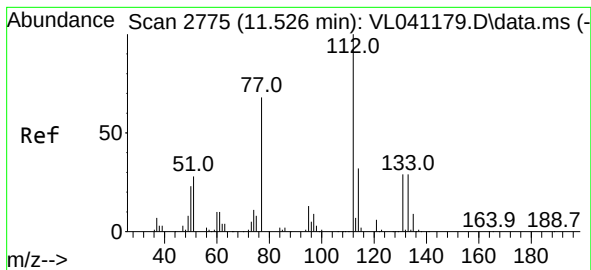
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.486 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion:131 Resp: 47893
Ion Ratio Lower Upper
131 100
133 110.4 76.3 114.5
119 1678.5 49.4 74.2#





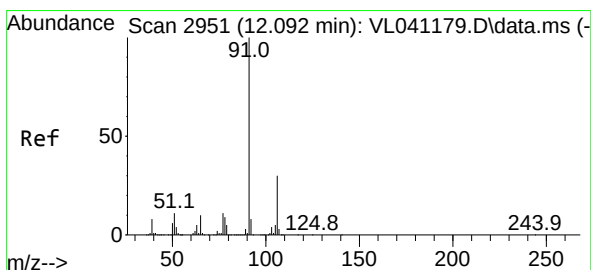
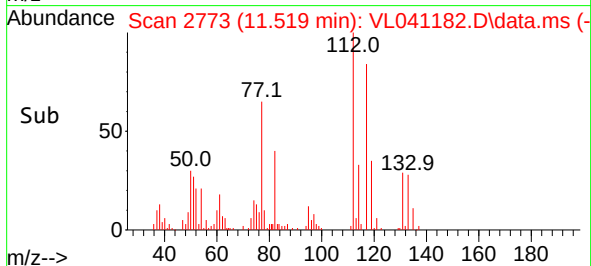
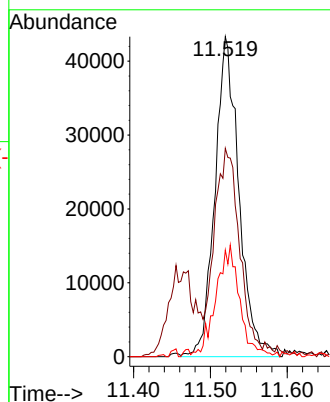
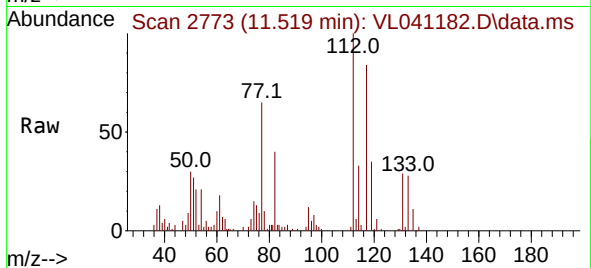
#57
Chlorobenzene
Concen: 0.541 ppbv m
RT: 11.519 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 94214
Ion Ratio Lower Upper
112 100
77 65.1 54.9 82.3
114 33.3 28.7 35.1

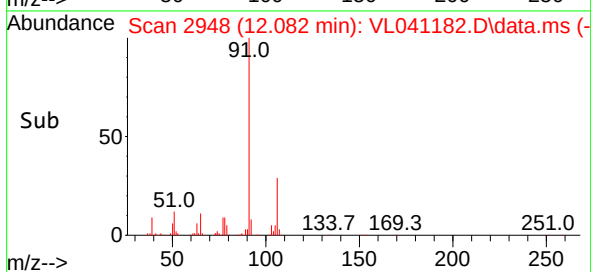
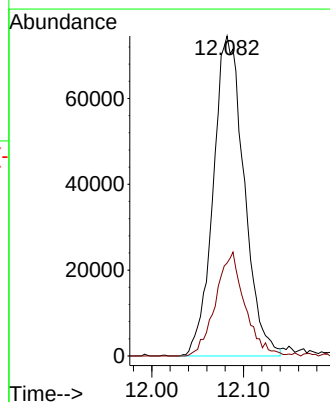
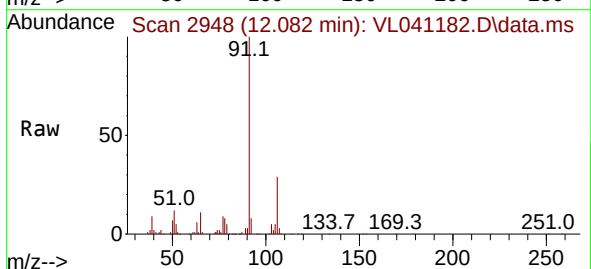
Manual Integrations
APPROVED

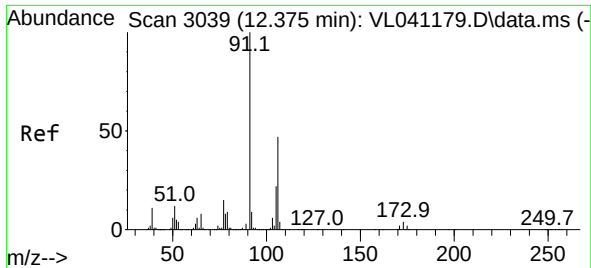
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#58
Ethyl Benzene
Concen: 0.532 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.010 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion: 91 Resp: 174494
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5





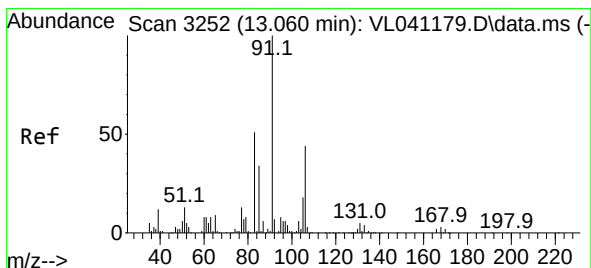
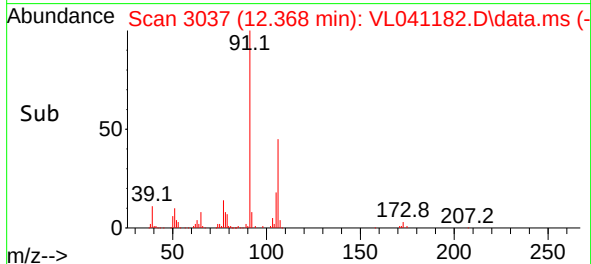
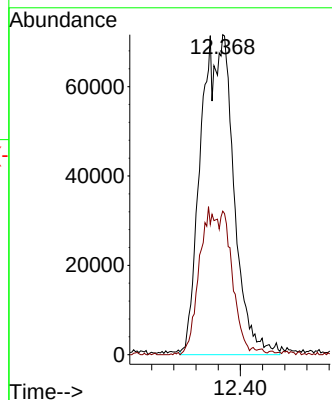
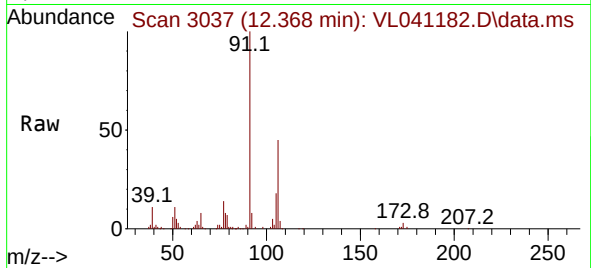
#59
m/p-Xylene
Concen: 1.072 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 294874
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5

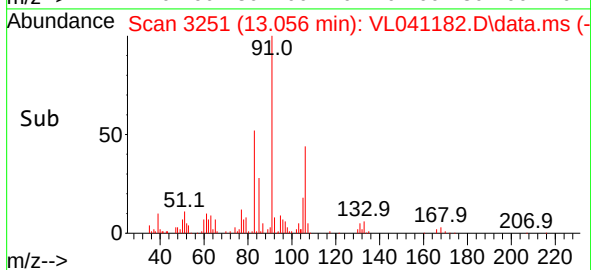
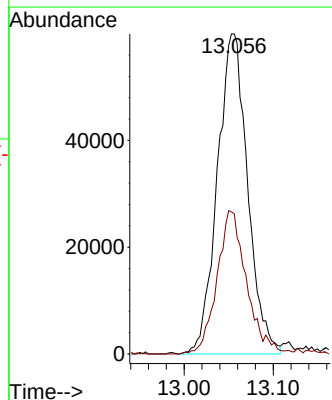
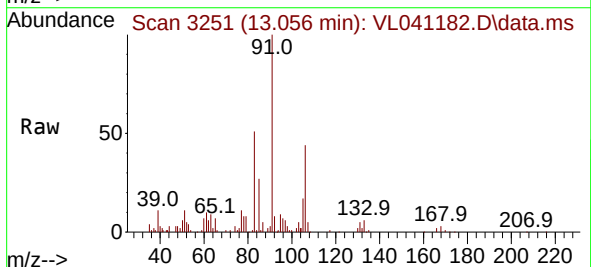
Manual Integrations
APPROVED

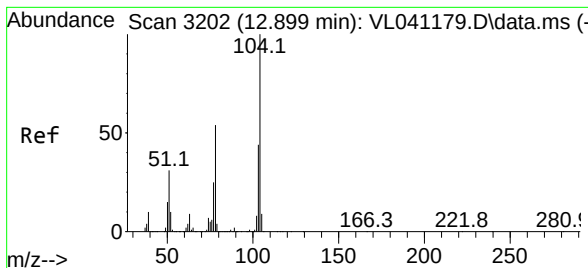
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
o-Xylene
Concen: 0.548 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

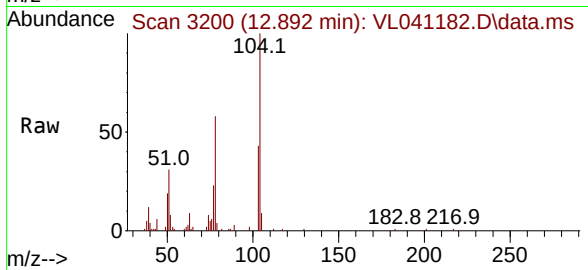
Tgt Ion: 91 Resp: 141598
Ion Ratio Lower Upper
91 100
106 44.5 22.4 67.3





#61
Styrene
Concen: 0.533 ppbv m
RT: 12.892 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

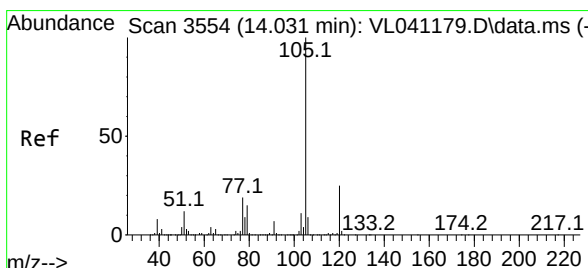
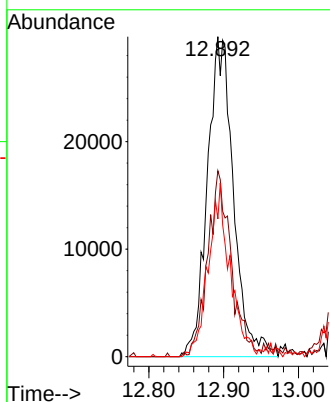
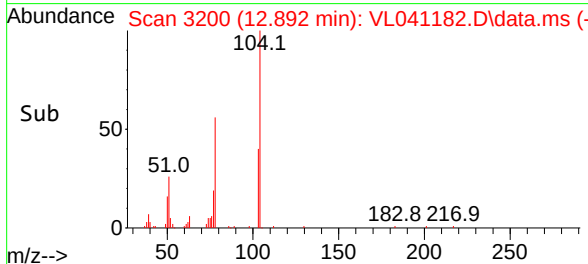
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



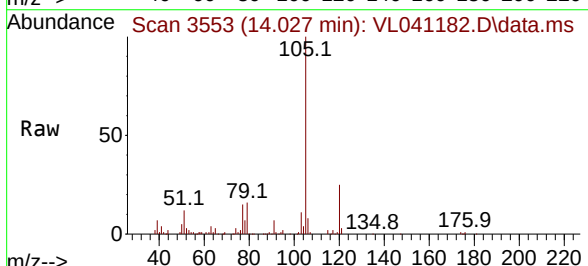
Tgt Ion:104 Resp: 7192
Ion Ratio Lower Upper
104 100
78 0.0 42.6 63.8
103 45.4 38.4 57.6

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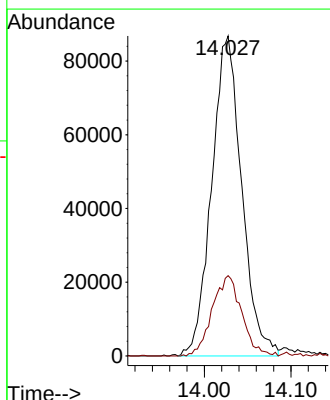
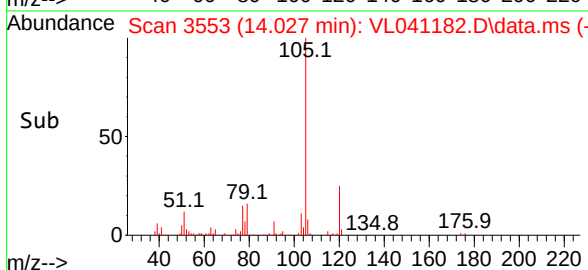
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

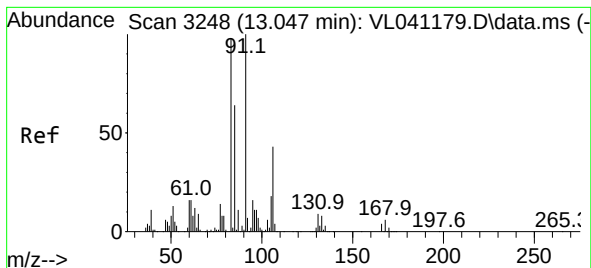


#62
Isopropylbenzene
Concen: 0.538 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



Tgt Ion:105 Resp: 208977
Ion Ratio Lower Upper
105 100
120 24.6 20.2 30.2





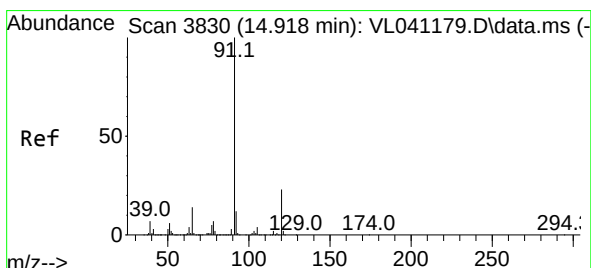
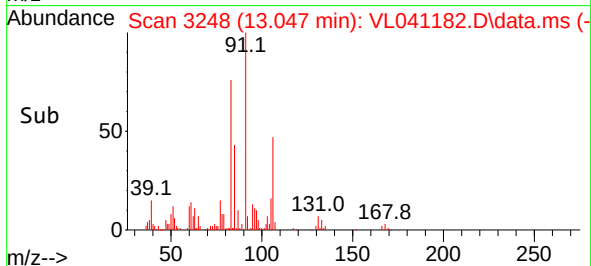
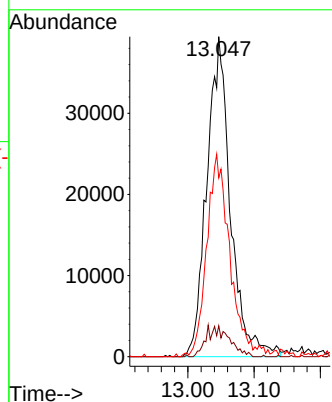
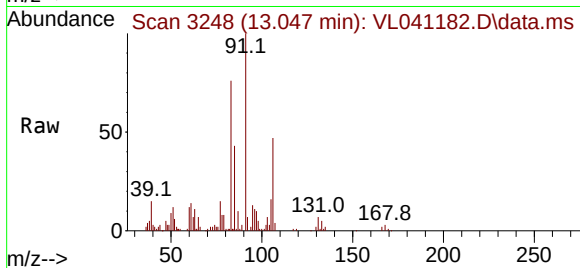
#63
1,1,2,2-Tetrachloroethane
Concen: 0.556 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 97640
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 63.4 32.7 98.1

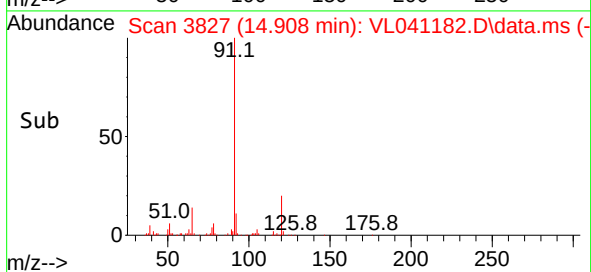
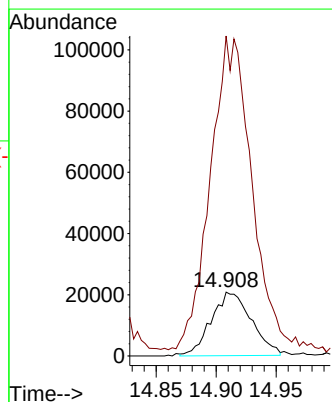
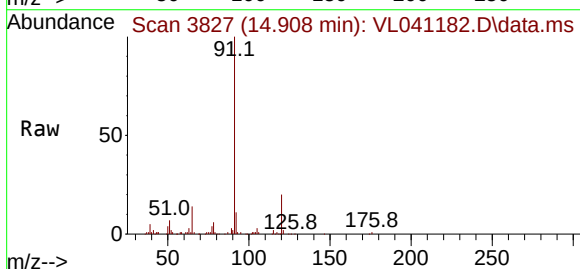
Manual Integrations
APPROVED

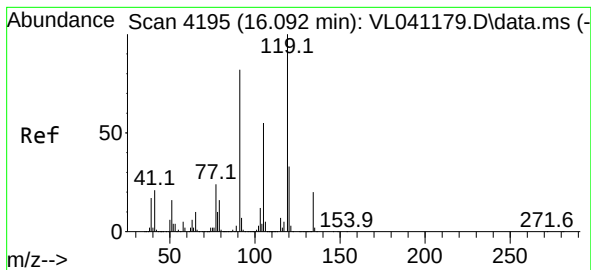
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#64
n-propylbenzene
Concen: 0.496 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.010 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion:120 Resp: 48252
Ion Ratio Lower Upper
120 100
91 547.3 384.8 577.2





#65

tert-Butylbenzene

Concen: 0.561 ppbv m

RT: 16.085 min Scan# 4195

Delta R.T. -0.007 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:119 Resp: 192404

Ion Ratio Lower Upper

119 100

91 84.5 67.0 100.4

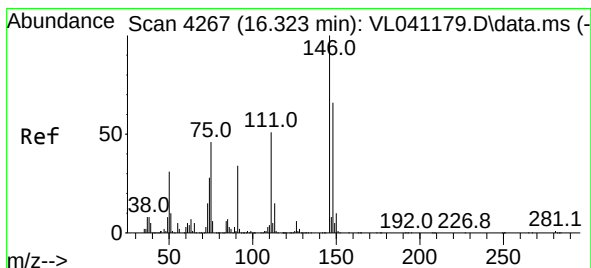
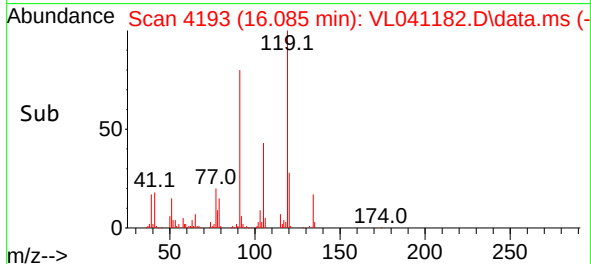
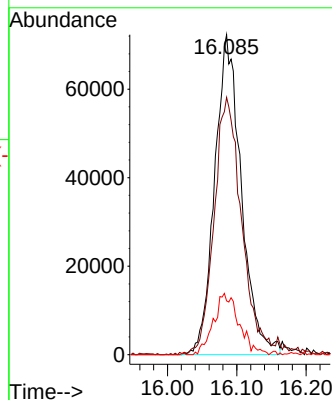
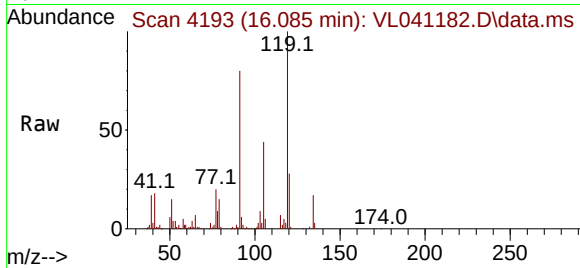
134 18.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#66

Benzyl Chloride

Concen: 0.426 ppbv m

RT: 16.329 min Scan# 4269

Delta R.T. 0.006 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

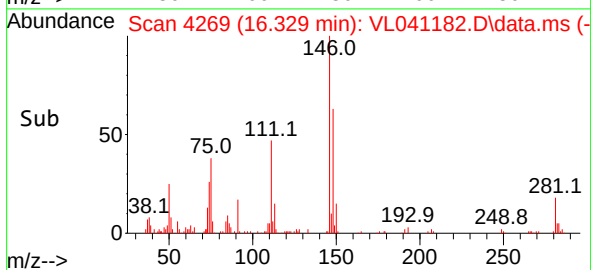
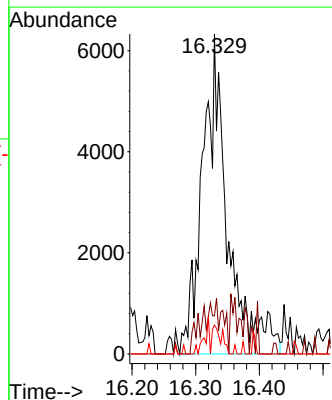
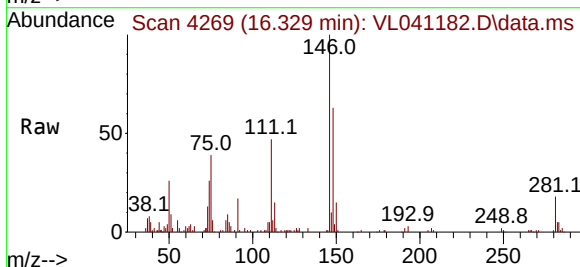
Tgt Ion: 91 Resp: 17387

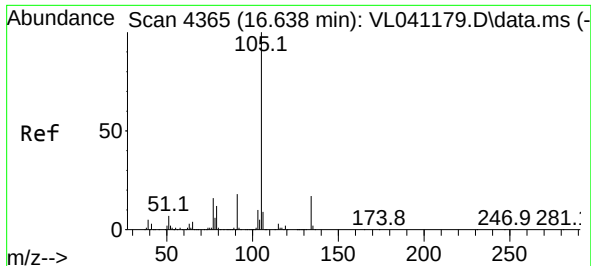
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

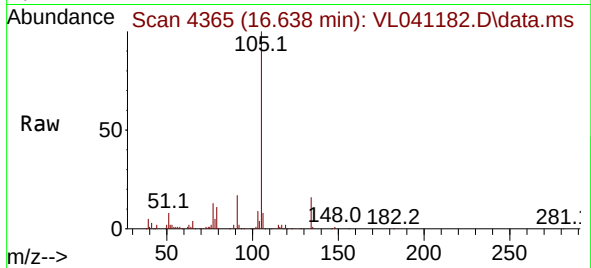
128 6.0 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 0.559 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28

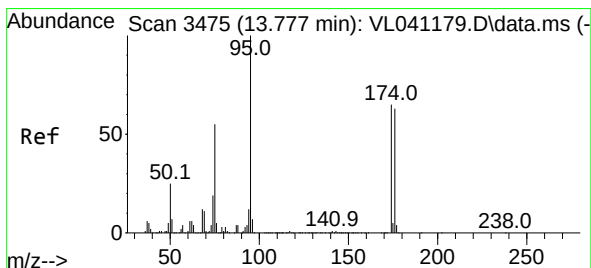
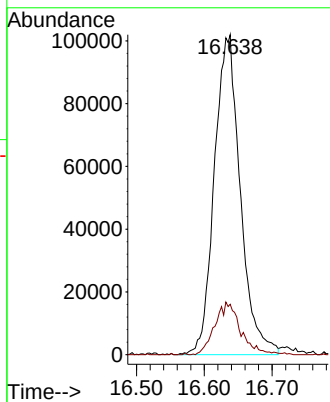
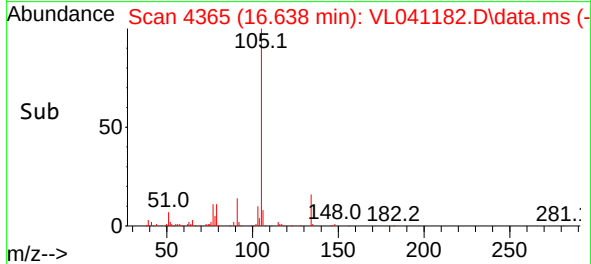
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



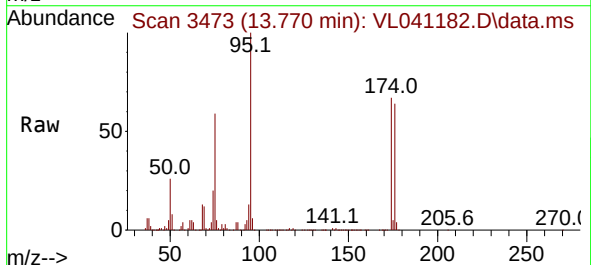
Tgt Ion:105 Resp: 271038
 Ion Ratio Lower Upper
 105 100
 134 16.4 13.8 20.8

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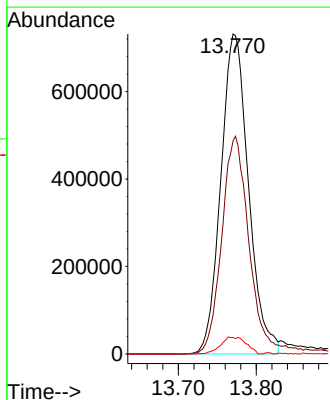
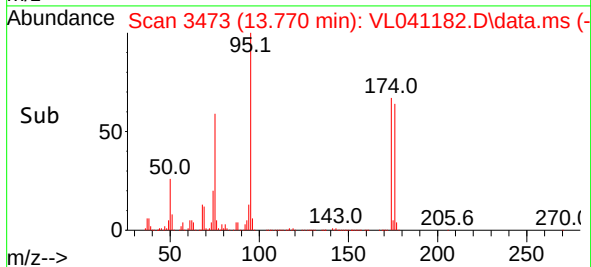
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

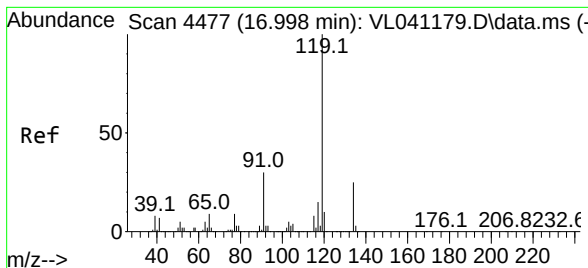


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.016 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.007 min
 Lab File: VL041182.D
 Acq: 29 Apr 2024 13:28



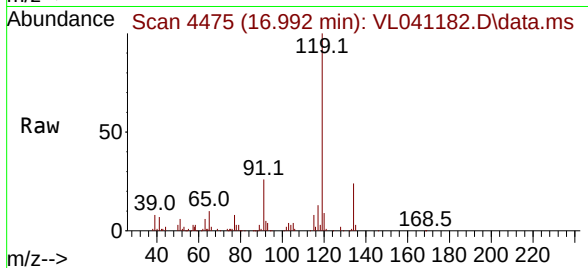
Tgt Ion: 95 Resp: 1800448
 Ion Ratio Lower Upper
 95 100
 174 70.0 53.6 80.4
 175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.550 ppbv m
RT: 16.992 min Scan# 4475
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

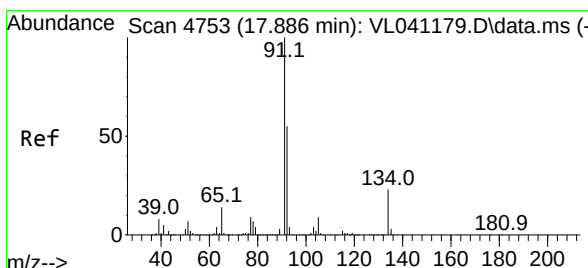
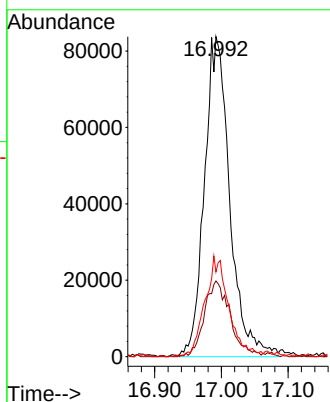
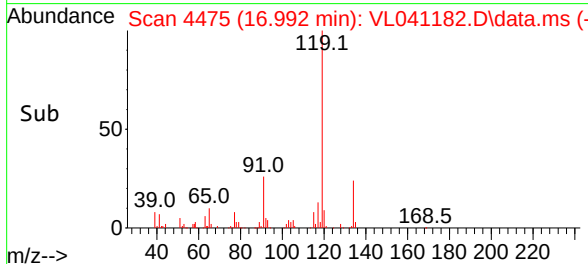
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



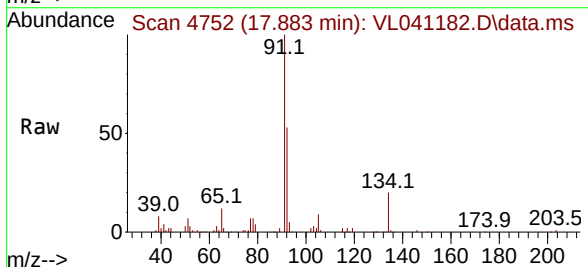
Tgt Ion: 119 Resp: 22132
Ion Ratio Lower Upper
119 100
134 24.7 20.1 30.1
91 29.5 24.2 36.2

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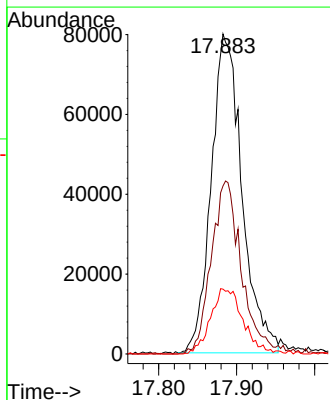
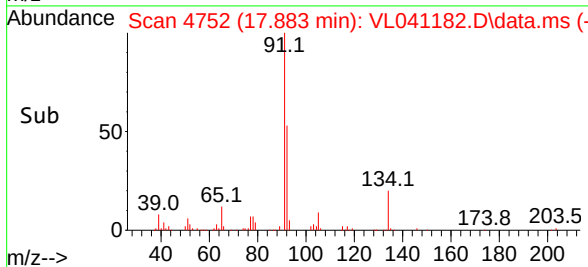
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

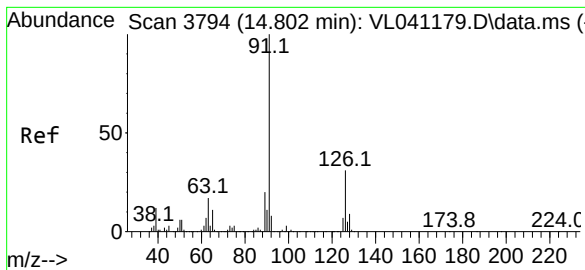


#70
n-Butylbenzene
Concen: 0.525 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



Tgt Ion: 91 Resp: 219542
Ion Ratio Lower Upper
91 100
92 54.0 43.3 64.9
134 21.9 17.8 26.8





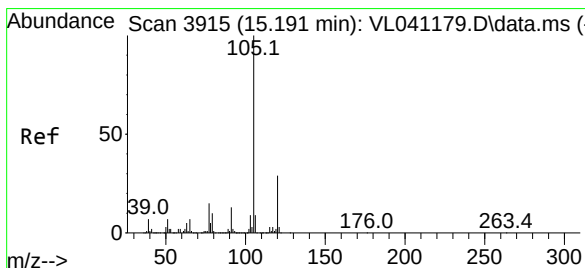
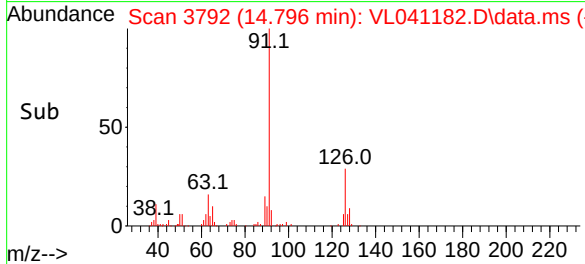
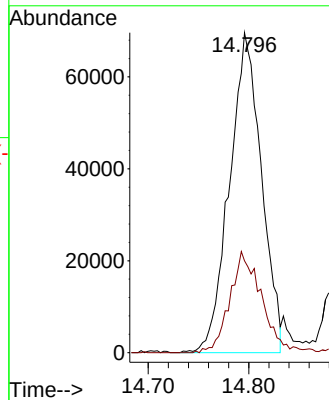
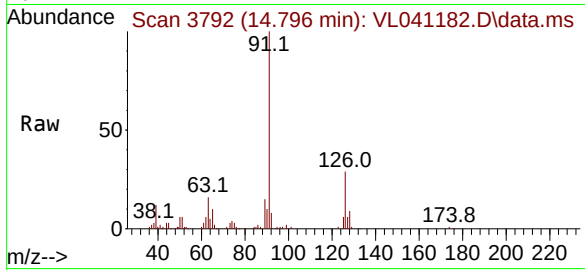
#71
2-Chlorotoluene
Concen: 0.517 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 153334
Ion Ratio Lower Upper
91 100
126 31.9 12.2 48.8

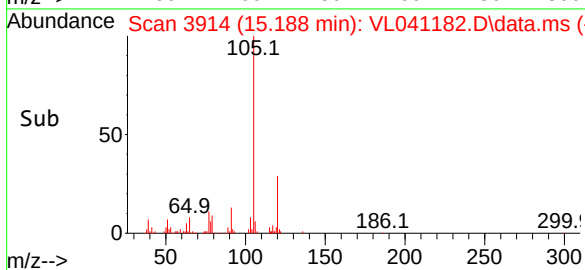
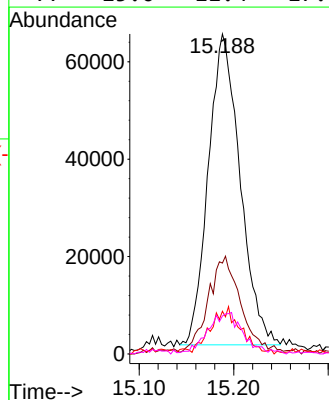
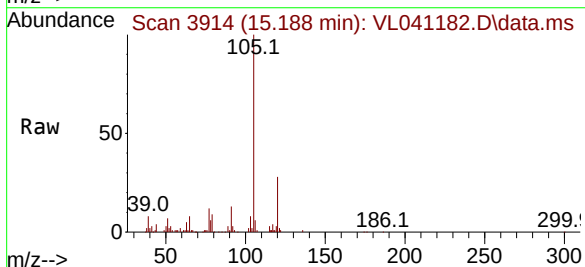
Manual Integrations
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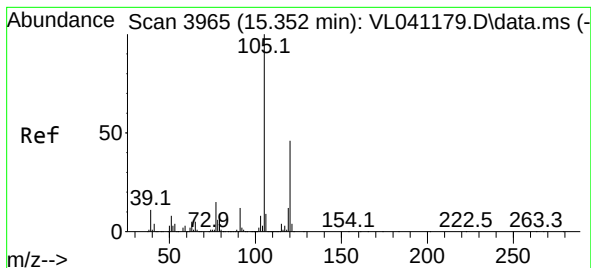
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
4-Ethyltoluene
Concen: 0.505 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Tgt Ion:105 Resp: 148749
Ion Ratio Lower Upper
105 100
120 34.2 24.7 37.1
91 13.3 10.3 15.5
77 15.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.511 ppbv

RT: 15.346 min Scan# 3965

Delta R.T. -0.007 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 136424

Ion Ratio Lower Upper

105 100

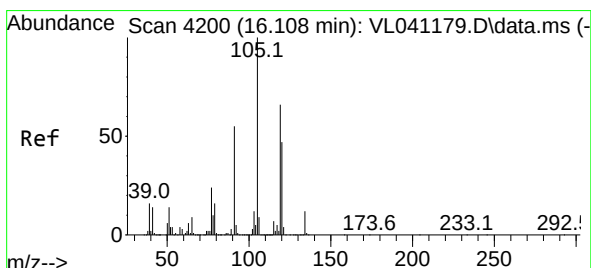
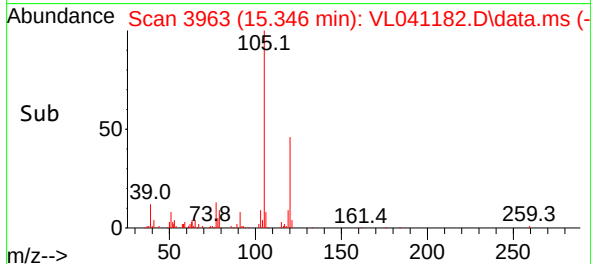
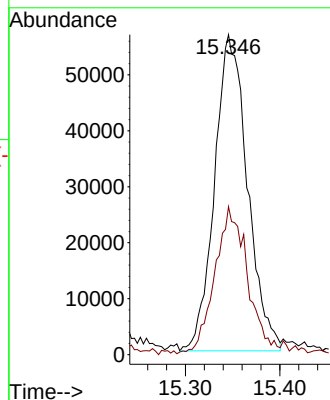
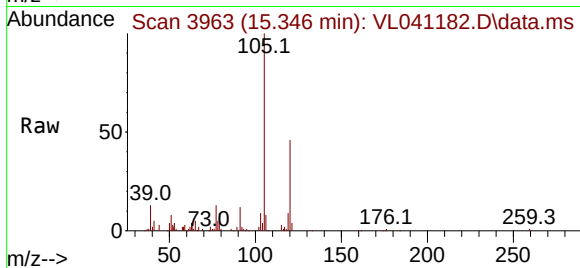
120 46.0 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.529 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.007 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Tgt Ion:105 Resp: 153694

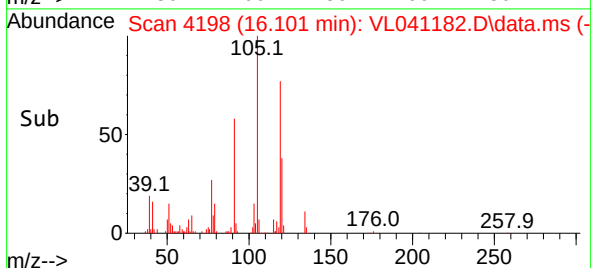
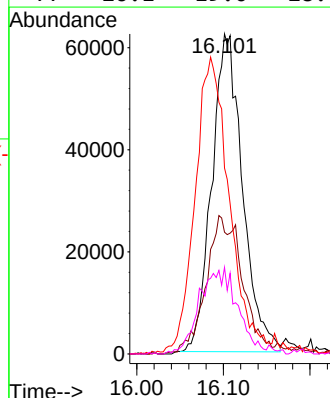
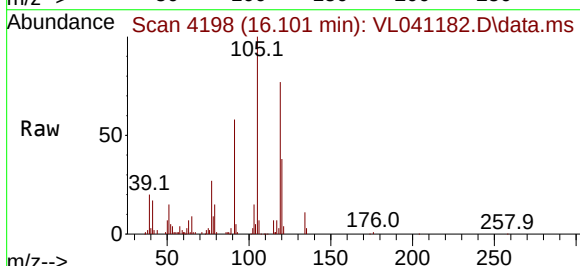
Ion Ratio Lower Upper

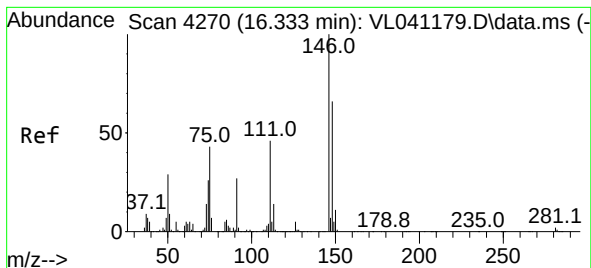
105 100

120 35.6 37.8 56.6#

91 56.7 44.3 66.5

77 26.1 19.0 28.4





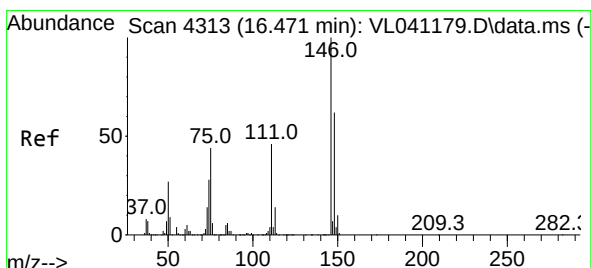
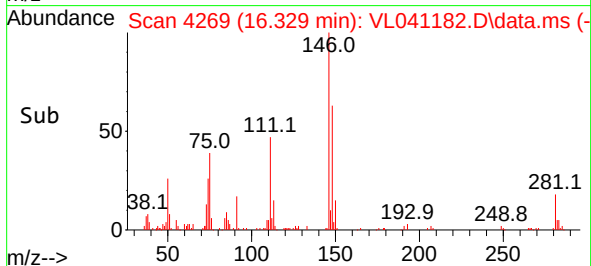
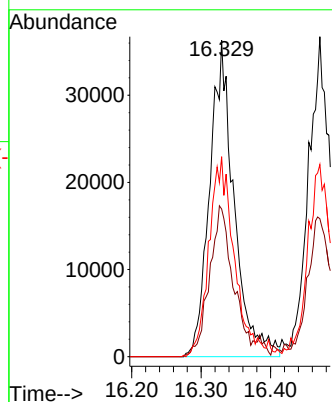
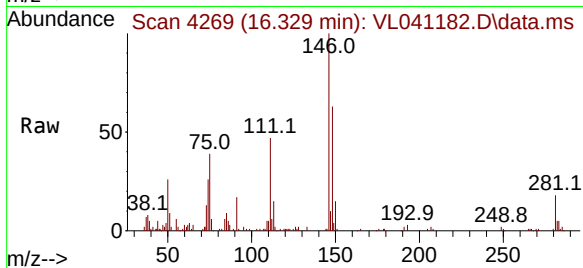
#75
1,3-Dichlorobenzene
Concen: 0.541 ppbv m
RT: 16.329 min Scan# 4269
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 88470
Ion Ratio Lower Upper
146 100
111 49.6 23.7 71.1
148 66.2 32.5 97.4

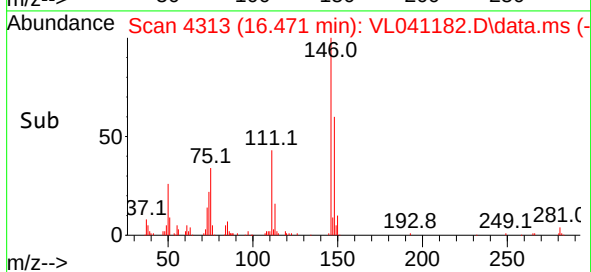
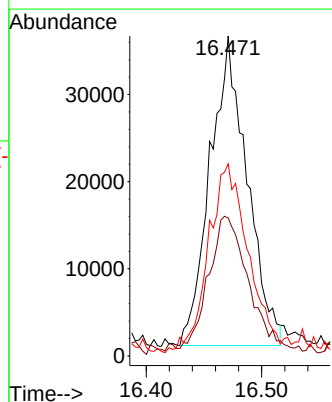
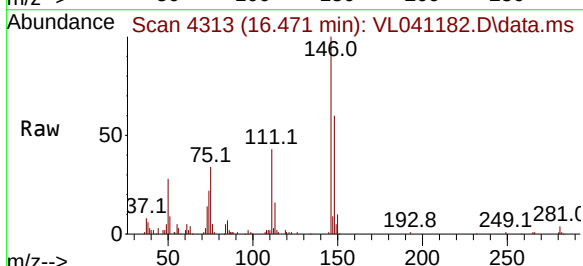
Manual Integrations
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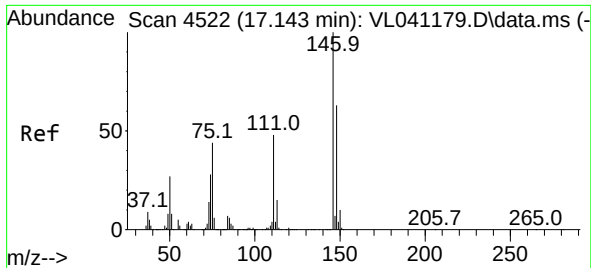
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#76
1,4-Dichlorobenzene
Concen: 0.498 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

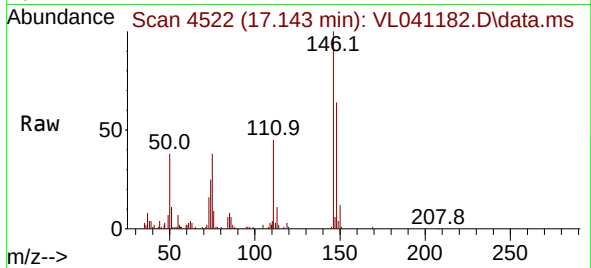
Tgt Ion:146 Resp: 79333
Ion Ratio Lower Upper
146 100
111 55.0 23.3 69.8
148 69.8 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 0.541 ppbv m
RT: 17.143 min Scan# 4522
Delta R.T. -0.000 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

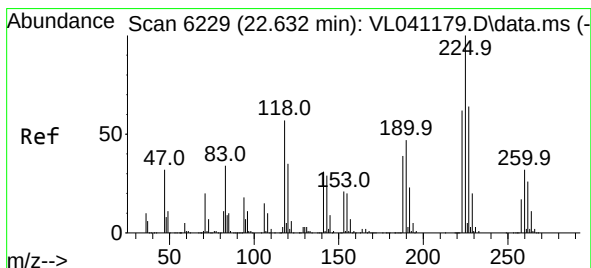
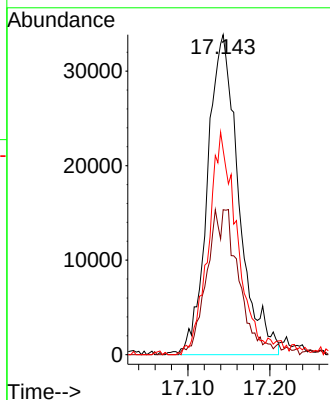
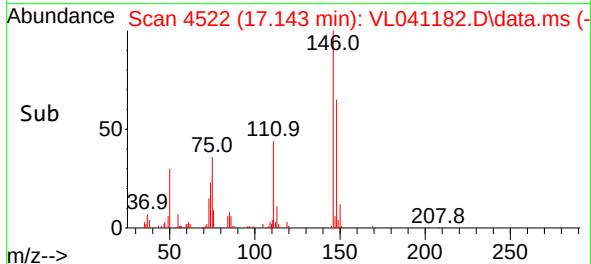
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



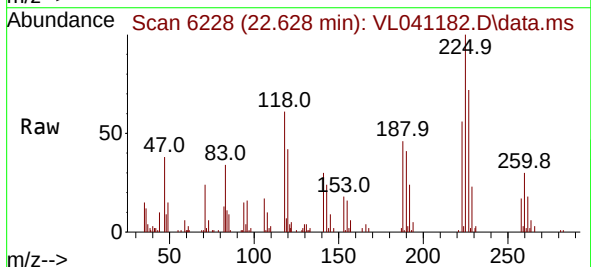
Tgt Ion:146 Resp: 89432
Ion Ratio Lower Upper
146 100
111 48.2 24.5 73.5
148 67.4 32.6 98.0

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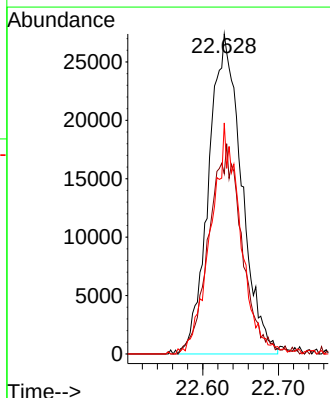
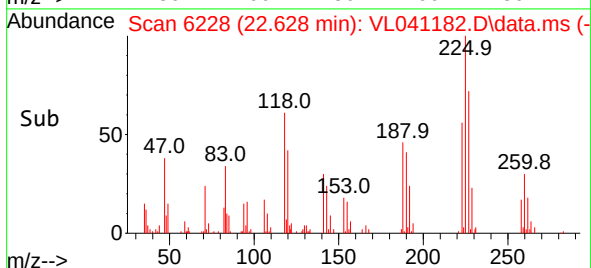
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

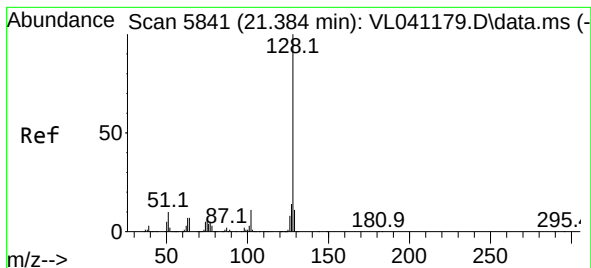


#78
Hexachloro-1,3-Butadiene
Concen: 0.561 ppbv m
RT: 22.628 min Scan# 6228
Delta R.T. -0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



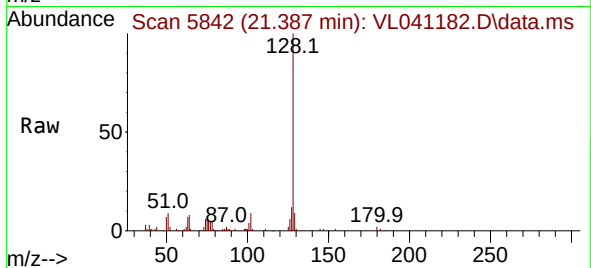
Tgt Ion:225 Resp: 82432
Ion Ratio Lower Upper
225 100
223 66.4 50.9 76.3
227 66.0 52.0 78.0





#79
Naphthalene
Concen: 0.485 ppbv m
RT: 21.387 min Scan# 5841
Delta R.T. 0.003 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28

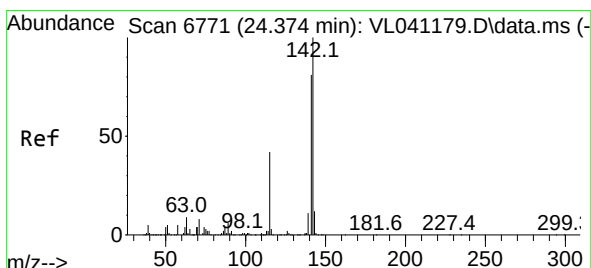
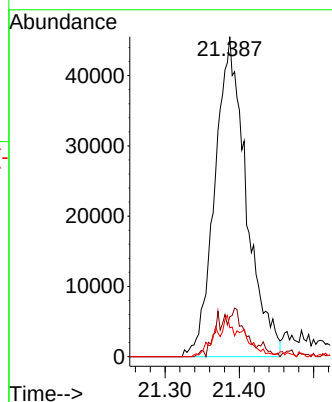
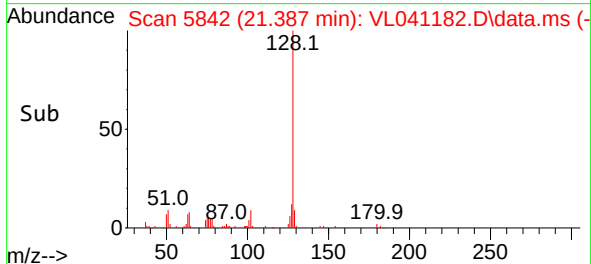
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



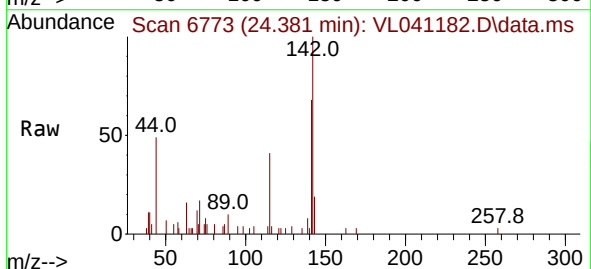
Tgt Ion:128 Resp: 133825
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 9.1 8.9 13.3

Manual Integrations
APPROVED

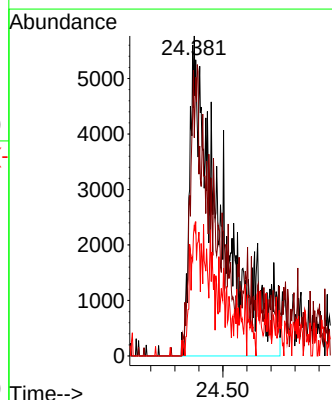
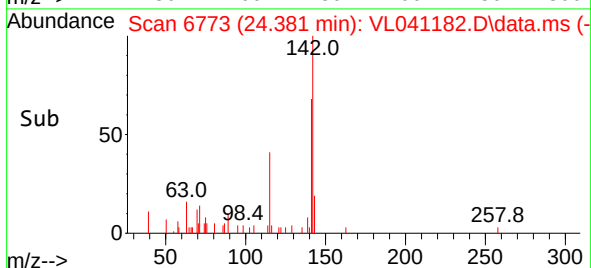
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

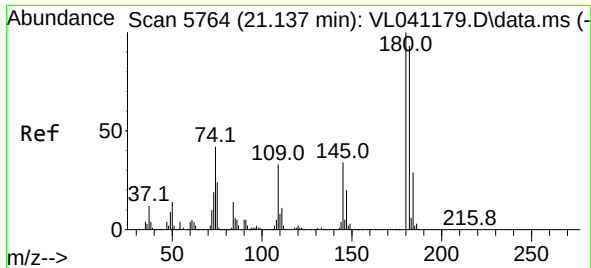


#80
Naphthalene,2-methyl-
Concen: 0.434 ppbv m
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL041182.D
Acq: 29 Apr 2024 13:28



Tgt Ion:142 Resp: 50401
Ion Ratio Lower Upper
142 100
141 54.6 67.9 101.9#
115 14.5 31.4 47.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.488 ppbv m

RT: 21.143 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041182.D

Acq: 29 Apr 2024 13:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 7196

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8

184 29.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024

