

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040993.D
 Acq On : 23 Jan 2024 11:38
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 12:11:34 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Tue Jan 23 11:01:31 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.153	49	974237	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2728477	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2409850	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.732 95 1821198 10.260 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	124032	0.668	ppbv	94
3) Chlorodifluoromethane	2.642	51	90796	0.619	ppbv	100
4) Chloromethane	2.783	50	35669	0.660	ppbv	89
5) Vinyl Chloride	2.886	62	33398	0.640	ppbv	92
6) Bromomethane	3.086	94	14000	0.605	ppbv	99
7) Chloroethane	3.163	64	11525	0.620	ppbv	96
8) Dichlorotetrafluoroethane	2.825	85	92460	0.692	ppbv	100
9) Propene	2.661	41	29234	0.604	ppbv	96
10) Heptane	7.539	43	67404	0.561	ppbv	94
11) Trichlorofluoromethane	3.529	101	94343	0.650	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.028	101	70129	0.622	ppbv	99
13) Ethanol	3.224	45	6072	0.498	ppbv #	57
14) Bromoethene	3.333	108	25880	0.627	ppbv	96
15) Acetone	3.449	43	72757	0.623	ppbv	97
16) 1,3-Butadiene	2.951	39	32336	0.643	ppbv	97
17) tert-Butyl alcohol	3.861	59	51169	0.592	ppbv #	91
18) 1,1-Dichloroethene	3.845	96	28065	0.603	ppbv	97
19) Isopropyl Alcohol	3.565	45	39974	0.656	ppbv #	93
20) Methylene Chloride	3.896	84	30857	0.741	ppbv	95
21) Allyl Chloride	3.960	41	38198	0.553	ppbv	88
22) trans-1,2-Dichloroethene	4.414	96	31100	0.586	ppbv	86
23) Vinyl Acetate	4.600	43	62165	0.482	ppbv #	89
24) 1,1-Dichloroethane	4.529	63	64969	0.563	ppbv	98
25) Ethyl Acetate	5.176	43	116466	0.575	ppbv	98
26) Hexane	5.176	57	49505	0.552	ppbv	92
27) Carbon Disulfide	4.095	76	62707m	0.516	ppbv	
28) Methyl tert-Butyl Ether	4.568	73	43241m	0.519	ppbv	
29) Chloroform	5.237	83	93380	0.617	ppbv	94
30) Cyclohexane	6.561	84	40226	0.538	ppbv	93
31) cis-1,2-Dichloroethene	5.041	61	45882	0.498	ppbv	92
32) 1,1,1-Trichloroethane	5.960	97	92726m	0.633	ppbv	
34) 2-Butanone	4.764	43	64650	0.448	ppbv	95
35) Carbon Tetrachloride	6.452	117	92722	0.543	ppbv	86
36) Benzene	6.330	78	111431	0.522	ppbv	94
37) 1,2-Dichloroethane	5.770	62	67584	0.529	ppbv	98
38) Trichloroethene	7.250	130	43592m	0.544	ppbv	
39) 1,2-Dichloropropane	7.031	63	43324	0.517	ppbv	97
40) 1,4-Dioxane	7.282	88	18325m	0.518	ppbv	
41) Tetrahydrofuran	5.542	42	43282m	0.493	ppbv	
42) Bromodichloromethane	7.208	83	93088	0.505	ppbv	91
43) Methyl Methacrylate	7.442	69	37446	0.448	ppbv	93
44) 2,2,4-Trimethylpentane	7.285	57	184006	0.508	ppbv	95
45) t-1,3-Dichloropropene	8.671	75	24823m	0.400	ppbv	

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 23 12:11:34 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

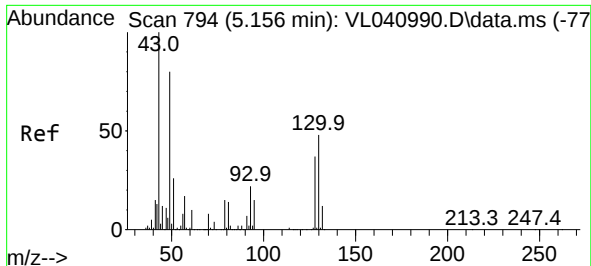
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jan 23 11:01:31 2024

Response via : Initial Calibration

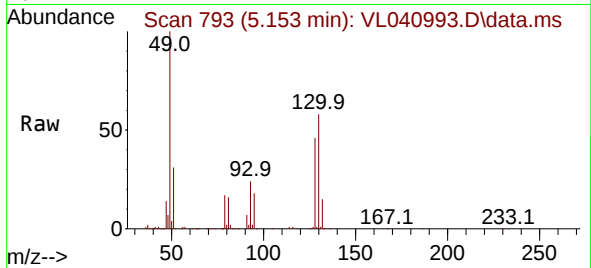
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.098	75	33664m	0.438	ppbv	
47) 1,1,2-Trichloroethane	8.860	97	46617	0.524	ppbv	95
48) Dibromochloromethane	9.664	129	75578m	0.498	ppbv	
49) Bromoform	12.368	173	50335	0.430	ppbv	95
50) 4-Methyl-2-Pentanone	8.163	43	107425	0.491	ppbv	94
51) 2-Hexanone	9.536	43	69426m	0.441	ppbv	
52) Tetrachloroethene	10.571	164	38543m	0.536	ppbv	
53) Toluene	9.182	91	112893	0.477	ppbv	98
54) 1,2-Dibromoethane	9.966	107	62886	0.515	ppbv	89
56) 1,1,1,2-Tetrachloroethane	11.465	131	58723m	0.557	ppbv	
57) Chlorobenzene	11.487	112	99440	0.560	ppbv #	85
58) Ethyl Benzene	12.047	91	153727m	0.497	ppbv	
59) m/p-Xylene	12.330	91	267489m	1.016	ppbv	
60) o-Xylene	13.015	91	126127	0.508	ppbv	100
61) Styrene	12.857	104	49644	0.421	ppbv	97
62) Isopropylbenzene	13.989	105	196958m	0.535	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.011	83	111993m	0.627	ppbv	
64) n-propylbenzene	14.879	120	46656	0.506	ppbv	76
65) tert-Butylbenzene	16.053	119	163202	0.522	ppbv	88
66) Benzyl Chloride	16.281	91	9566m	0.447	ppbv	
67) sec-Butylbenzene	16.596	105	251185	0.553	ppbv	99
69) p-Isopropyltoluene	16.957	119	176297	0.499	ppbv	95
70) n-Butylbenzene	17.850	91	195242	0.532	ppbv	98
71) 2-Chlorotoluene	14.760	91	146096	0.516	ppbv	99
72) 4-Ethyltoluene	15.159	105	140894m	0.517	ppbv	
73) 1,3,5-Trimethylbenzene	15.317	105	129091m	0.549	ppbv	
74) 1,2,4-Trimethylbenzene	16.069	105	145127	0.555	ppbv	91
75) 1,3-Dichlorobenzene	16.288	146	85011m	0.569	ppbv	
76) 1,4-Dichlorobenzene	16.432	146	90708m	0.621	ppbv	
77) 1,2-Dichlorobenzene	17.108	146	86292m	0.600	ppbv	
78) Hexachloro-1,3-Butadiene	22.587	225	60046m	0.678	ppbv	
79) Naphthalene	21.355	128	66072m	0.524	ppbv	
80) Naphthalene,2-methyl-	24.451	142	7363m	0.320	ppbv	
81) 1,2,4-Trichlorobenzene	21.101	180	43686m	0.604	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.153 min Scan# 794
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

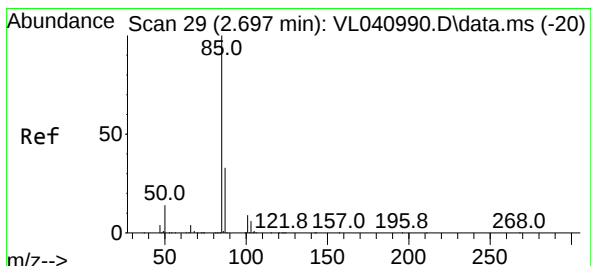
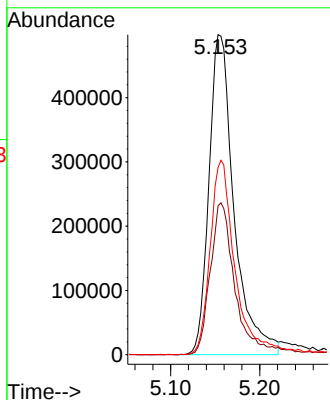
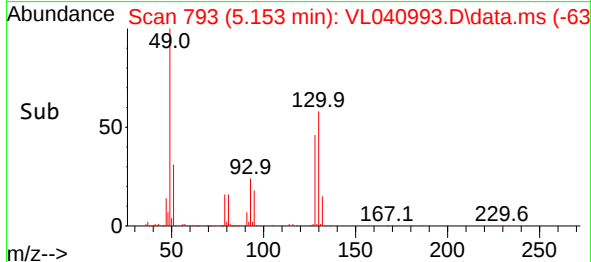
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 97423
Ion Ratio Lower Upper
49 100
128 48.5 23.9 71.7
130 62.4 31.1 93.5

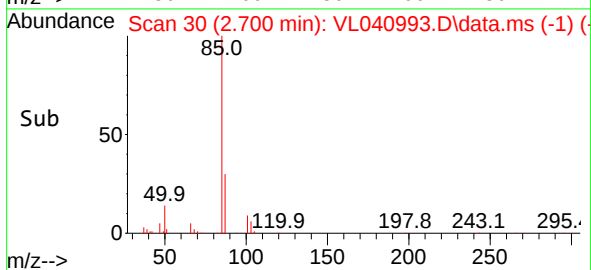
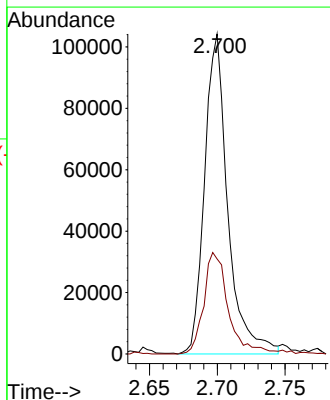
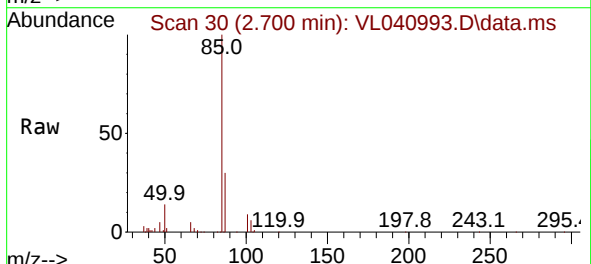
Manual Integrations
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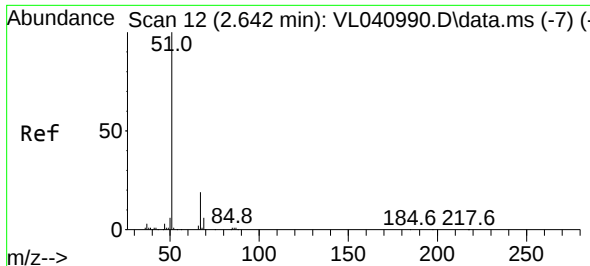
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 0.668 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

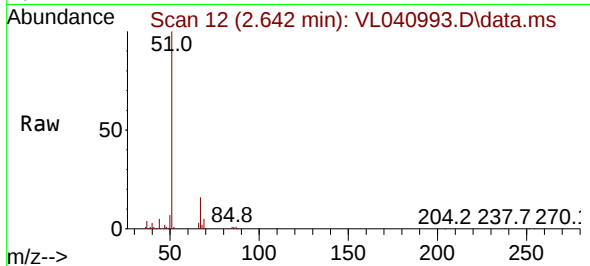
Tgt Ion: 85 Resp: 124032
Ion Ratio Lower Upper
85 100
87 29.7 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.619 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

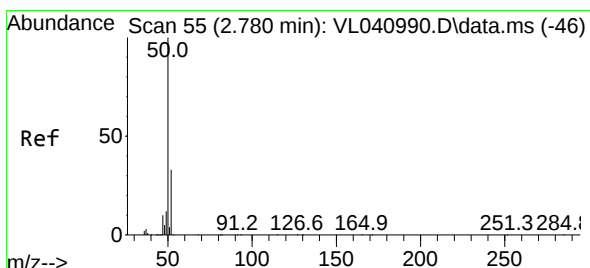
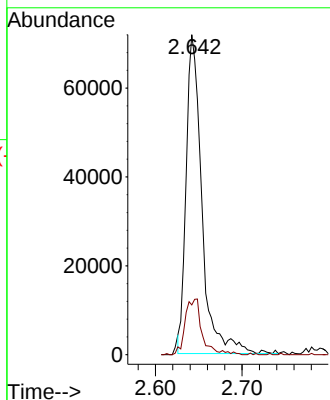
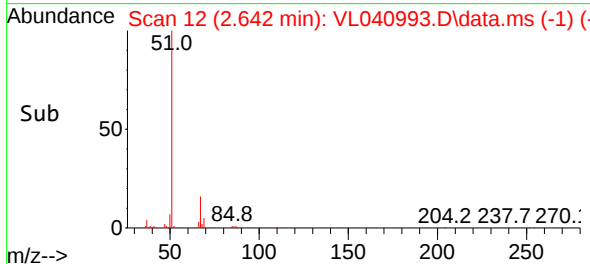
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



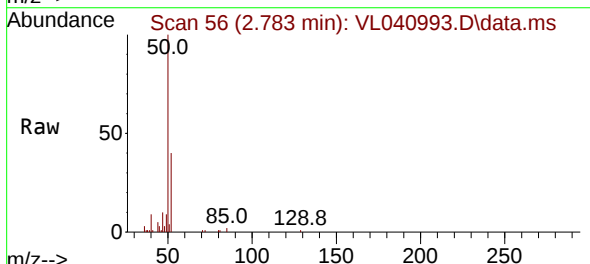
Tgt Ion: 51 Resp: 90790
Ion Ratio Lower Upper
51 100
67 18.4 14.8 22.2

Manual Integrations
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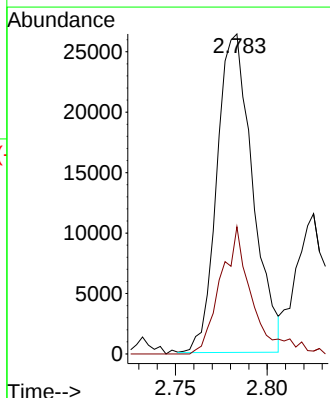
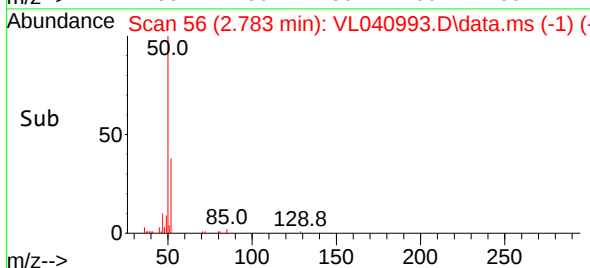
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

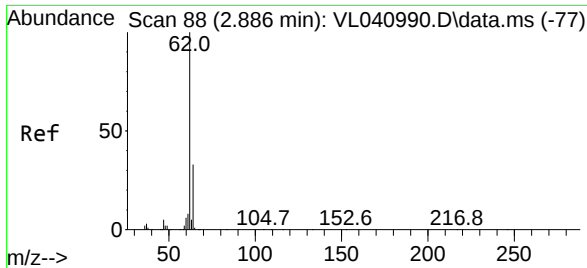


#4
Chloromethane
Concen: 0.660 ppbv
RT: 2.783 min Scan# 56
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



Tgt Ion: 50 Resp: 35669
Ion Ratio Lower Upper
50 100
52 38.9 26.2 39.4





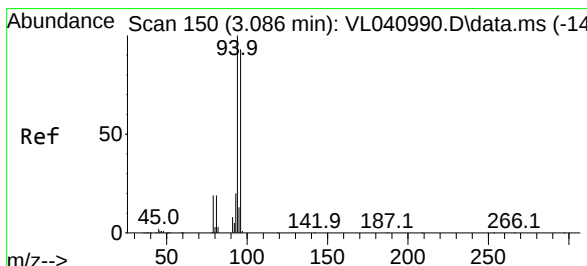
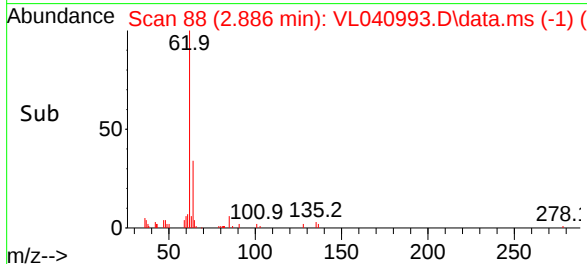
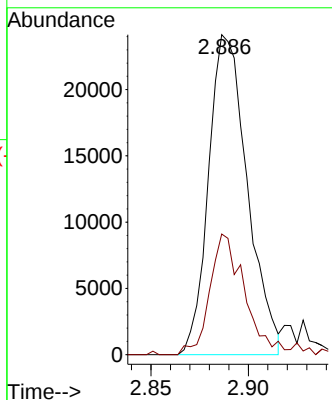
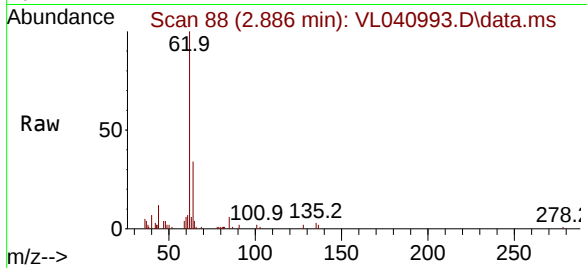
#5
 Vinyl Chloride
 Concen: 0.640 ppbv
 RT: 2.886 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 33398
 Ion Ratio Lower Upper
 62 100
 64 37.7 26.6 40.0

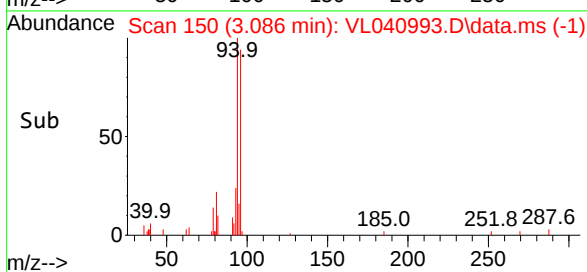
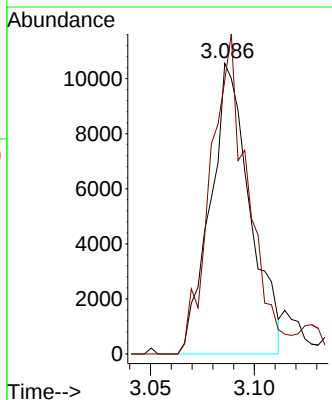
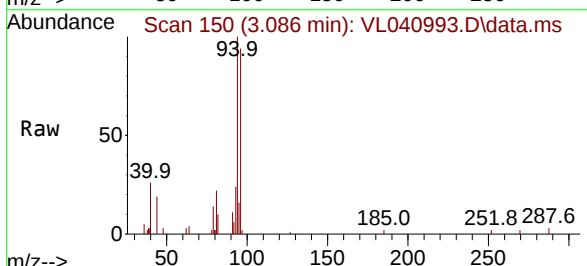
Manual Integrations
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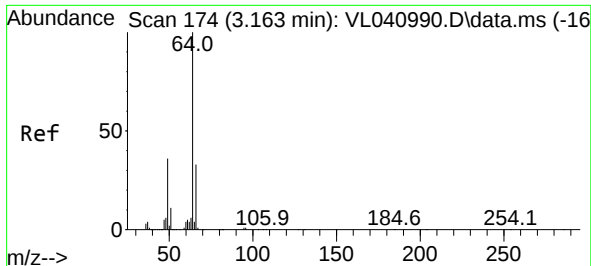
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#6
 Bromomethane
 Concen: 0.605 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Tgt Ion: 94 Resp: 14000
 Ion Ratio Lower Upper
 94 100
 96 94.0 74.2 111.4





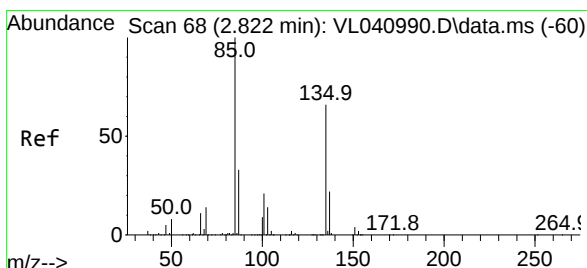
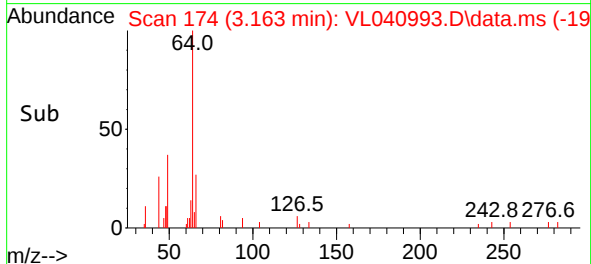
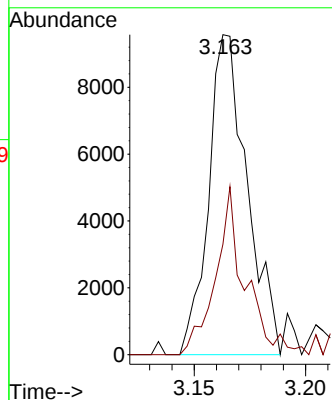
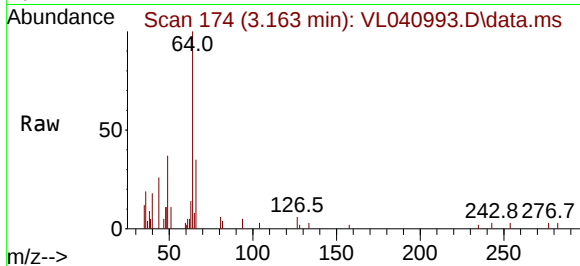
#7
Chloroethane
Concen: 0.620 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1152
Ion Ratio Lower Upper
64 100
66 34.5 26.0 39.0

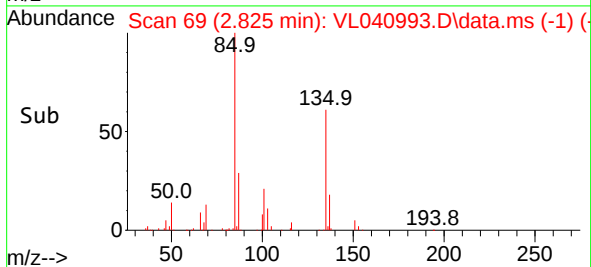
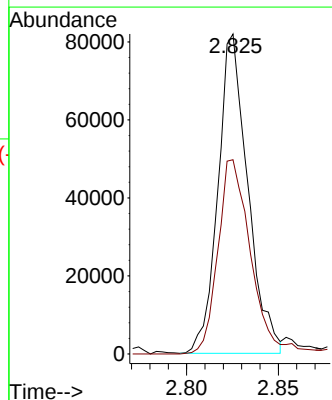
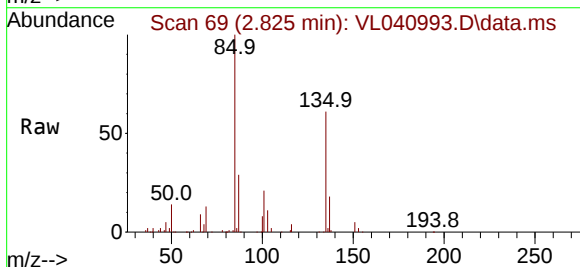
Manual Integrations
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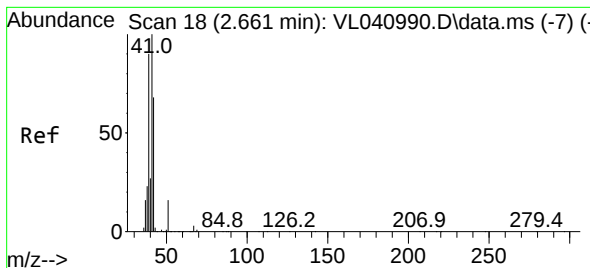
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Dichlorotetrafluoroethane
Concen: 0.692 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

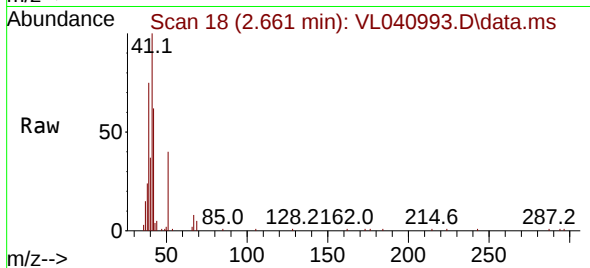
Tgt Ion: 85 Resp: 92460
Ion Ratio Lower Upper
85 100
135 68.9 55.0 82.6





#9
Propene
Concen: 0.604 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

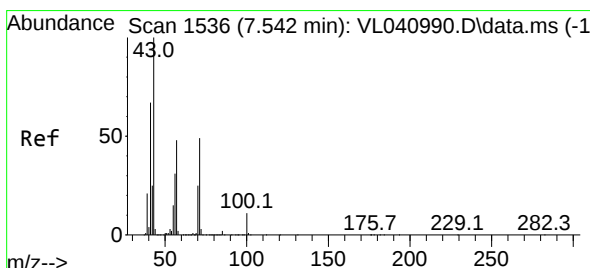
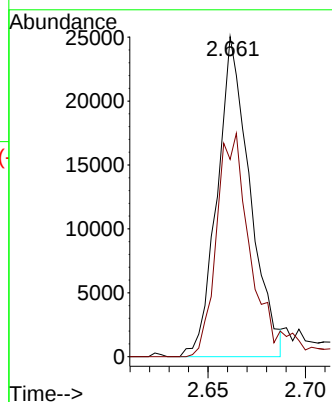
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 41 Resp: 29234
Ion Ratio Lower Upper
41 100
42 77.0 59.0 88.4

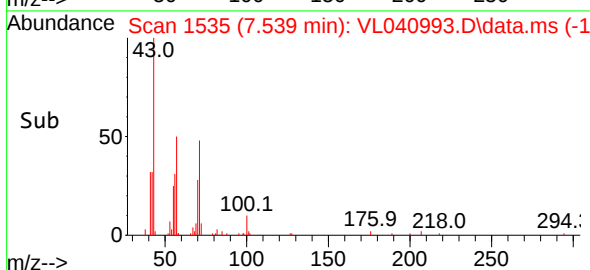
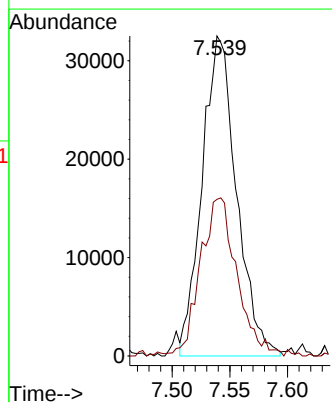
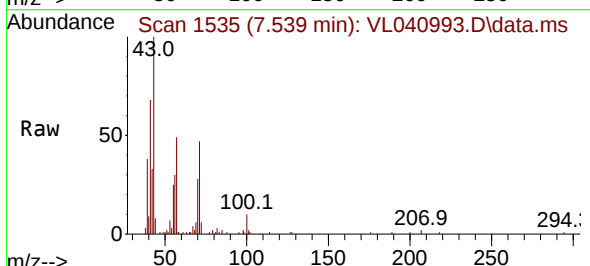
Manual Integrations
APPROVED

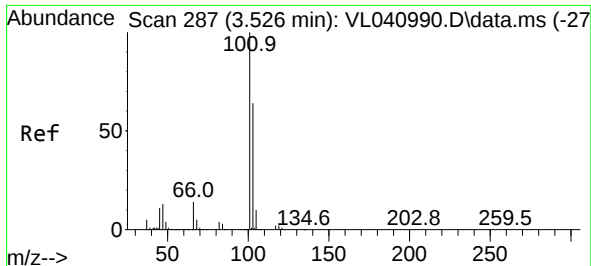
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Heptane
Concen: 0.561 ppbv
RT: 7.539 min Scan# 1535
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 43 Resp: 67404
Ion Ratio Lower Upper
43 100
57 53.3 39.4 59.2





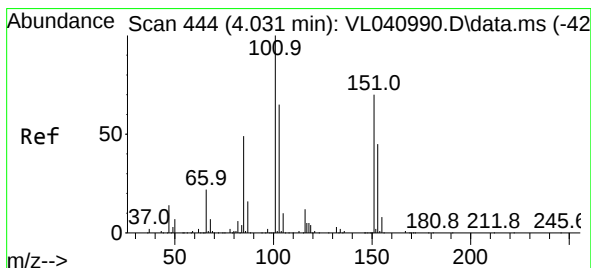
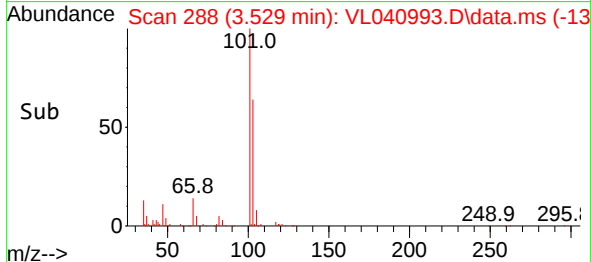
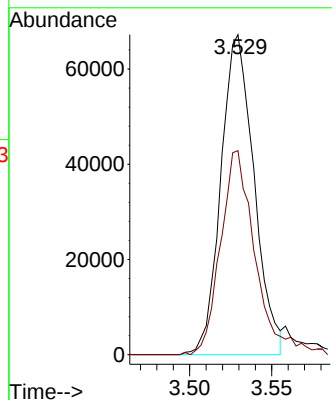
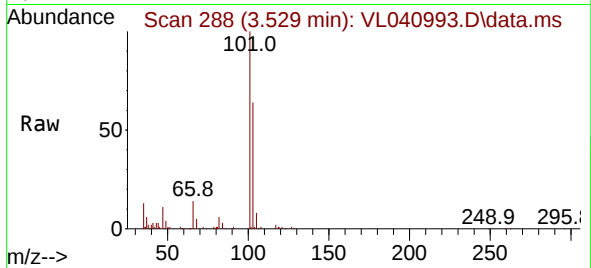
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Trichlorofluoromethane
Concen: 0.650 ppbv
RT: 3.529 min Scan# 287
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 9434
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

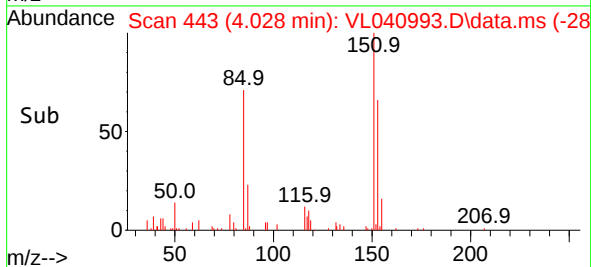
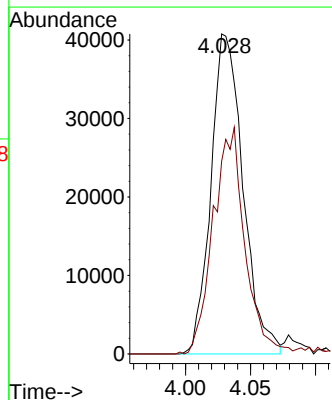
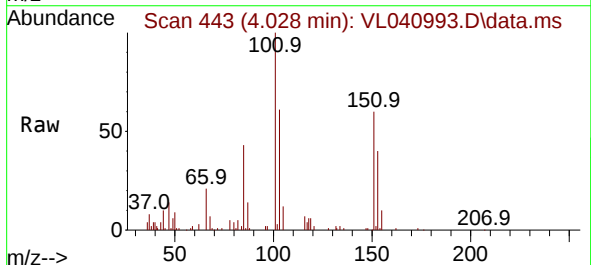
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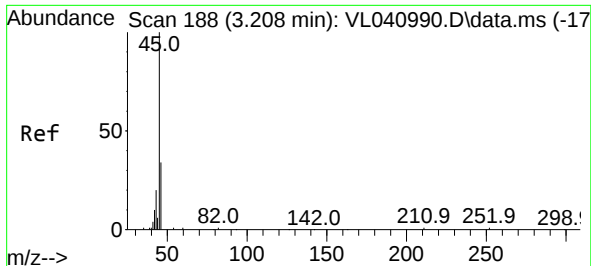
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.622 ppbv
RT: 4.028 min Scan# 443
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:101 Resp: 70129
Ion Ratio Lower Upper
101 100
151 71.4 56.6 85.0





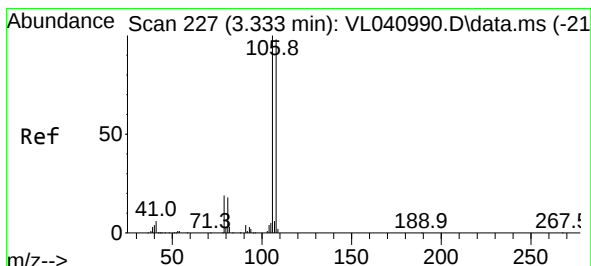
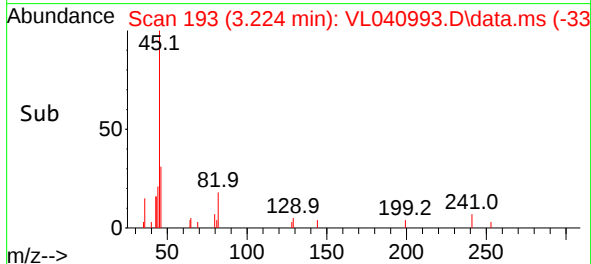
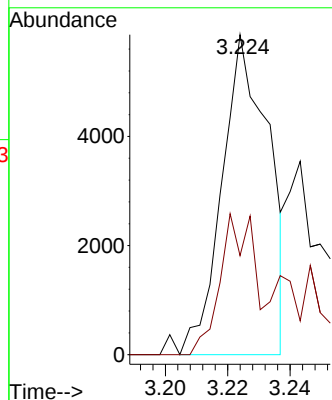
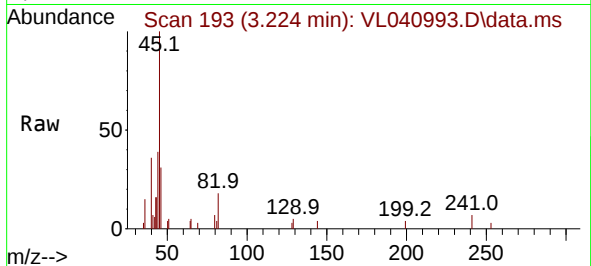
#13
Ethanol
Concen: 0.498 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 6072
Ion Ratio Lower Upper
45 100
46 67.0 16.2 64.8

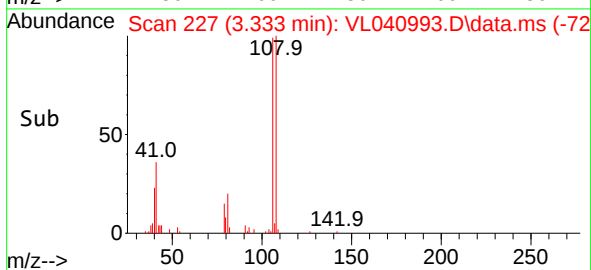
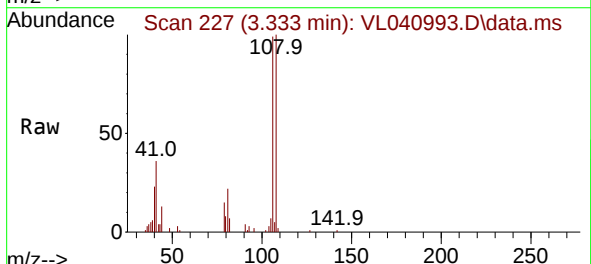
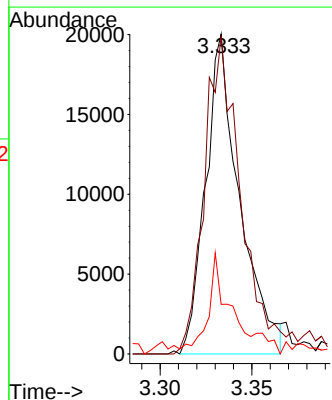
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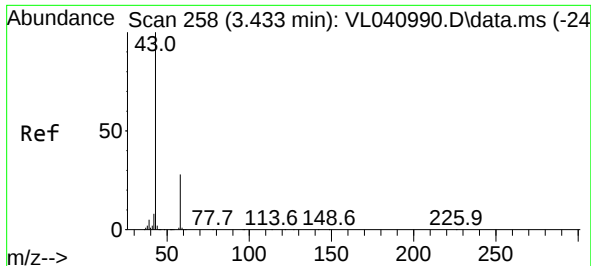
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Bromoethene
Concen: 0.627 ppbv
RT: 3.333 min Scan# 227
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:108 Resp: 25880
Ion Ratio Lower Upper
108 100
106 112.5 86.4 129.6
79 22.8 16.2 24.4





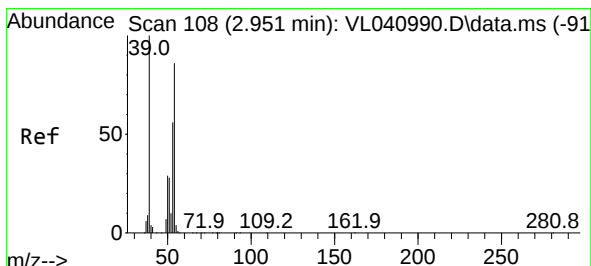
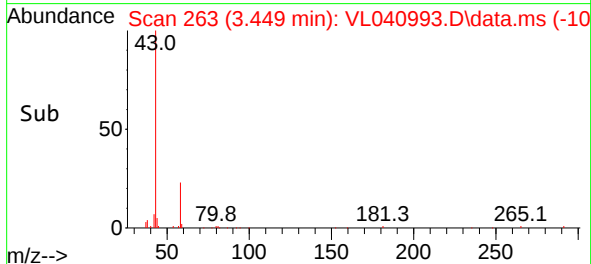
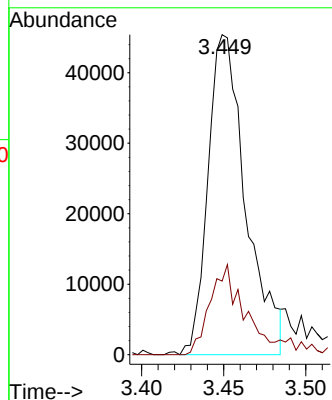
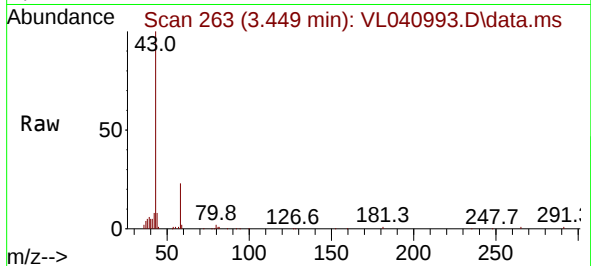
#15
Acetone
Concen: 0.623 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
58 29.5 22.2 33.2

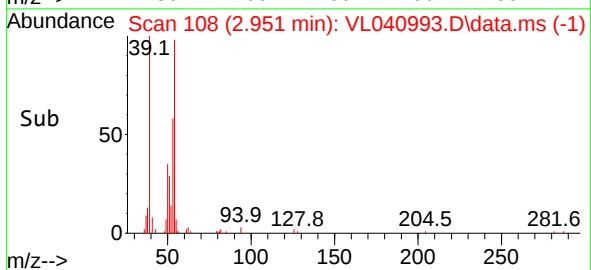
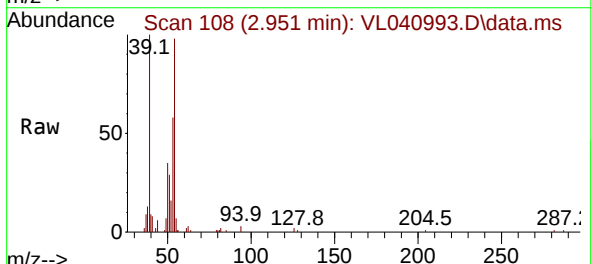
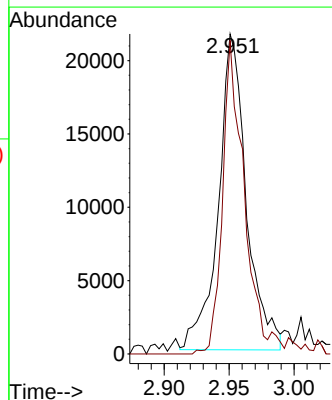
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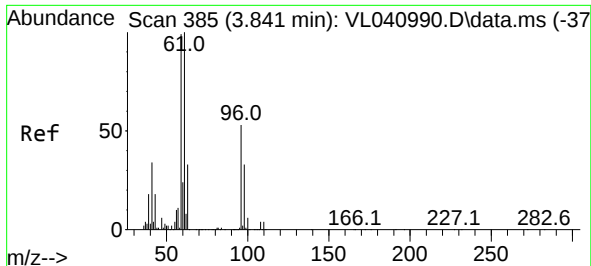
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
1,3-Butadiene
Concen: 0.643 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 39 Resp: 32336
Ion Ratio Lower Upper
39 100
54 80.9 62.7 94.1





#17

tert-Butyl alcohol

Concen: 0.592 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.019 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 51169

Ion Ratio Lower Upper

59 100

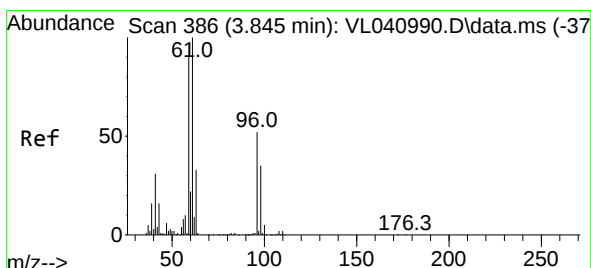
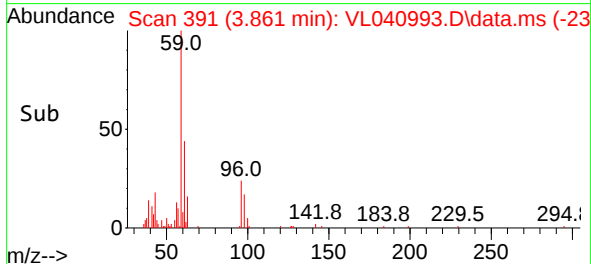
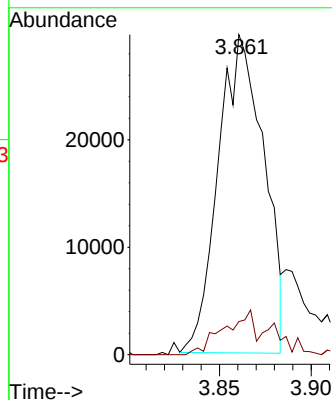
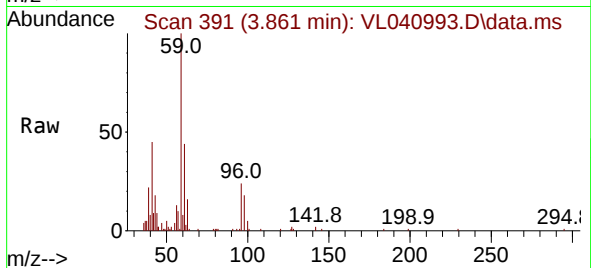
57 14.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#18

1,1-Dichloroethene

Concen: 0.603 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

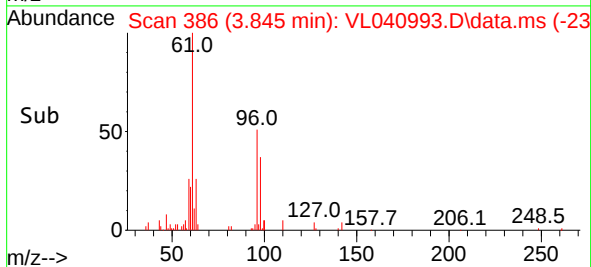
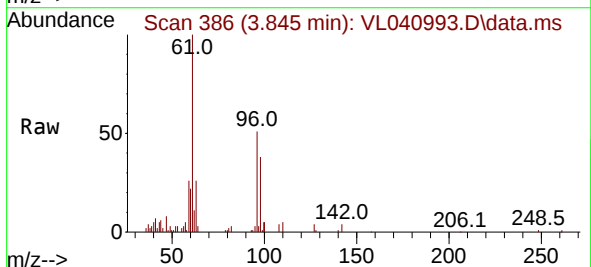
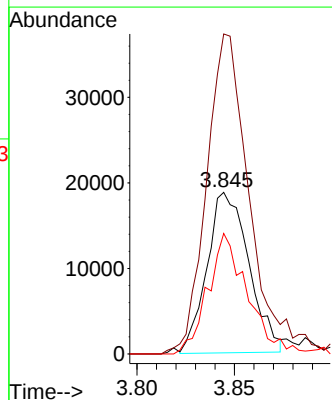
Tgt Ion: 96 Resp: 28065

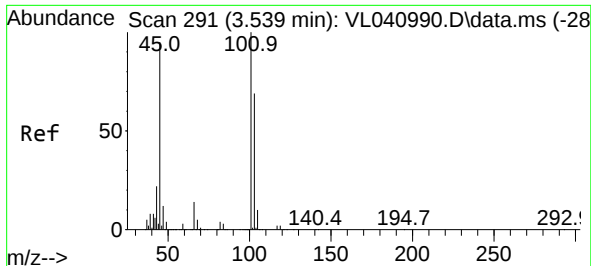
Ion Ratio Lower Upper

96 100

61 194.1 153.8 230.8

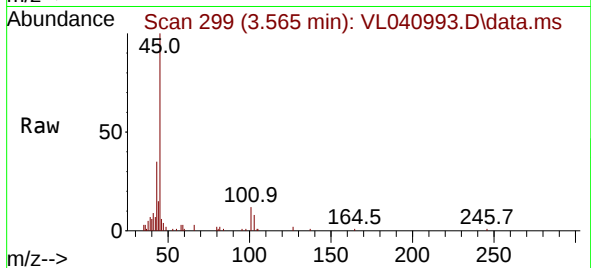
98 73.1 53.7 80.5





#19
Isopropyl Alcohol
Concen: 0.656 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.026 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

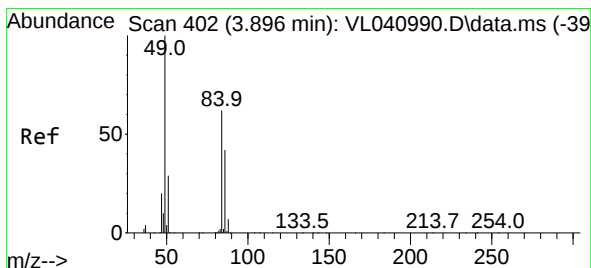
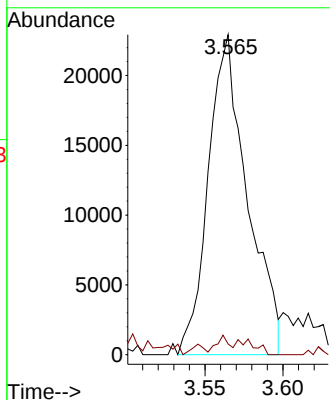
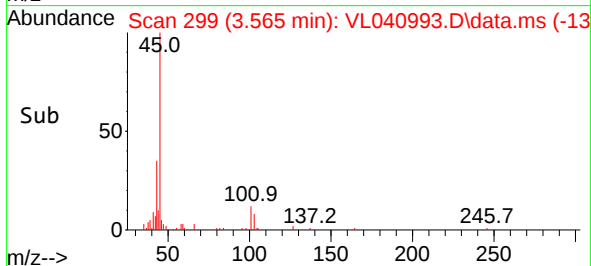
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 39974
Ion Ratio Lower Upper
45 100
58 5.1 2.2 3.4

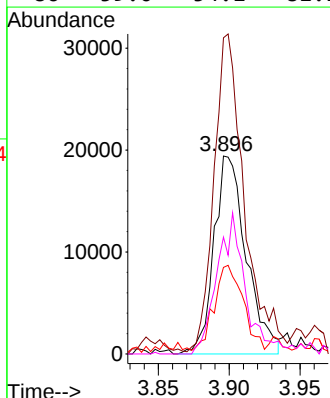
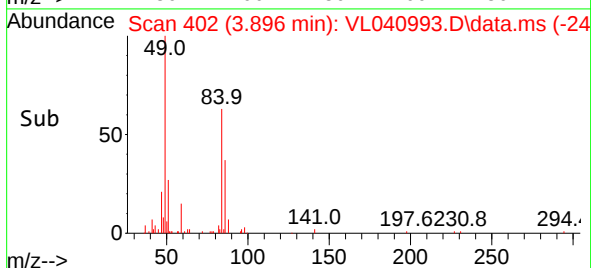
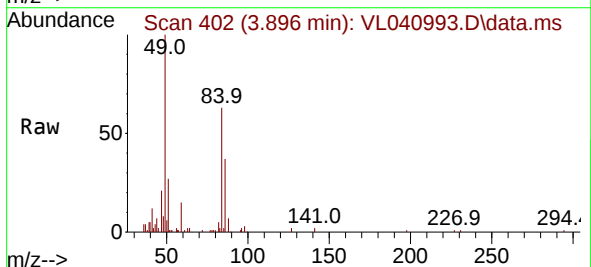
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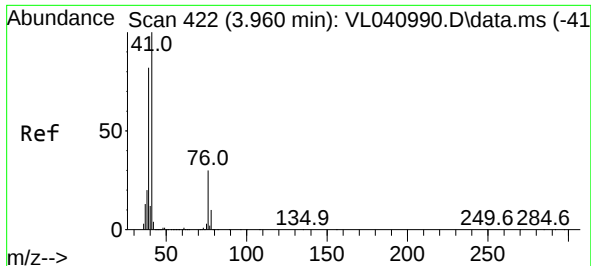
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 0.741 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

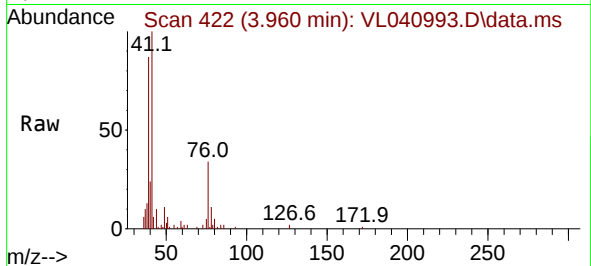
Tgt Ion: 84 Resp: 30857
Ion Ratio Lower Upper
84 100
49 157.2 128.1 192.1
51 39.6 36.5 54.7
86 59.0 54.1 81.1





#21
 Allyl Chloride
 Concen: 0.553 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

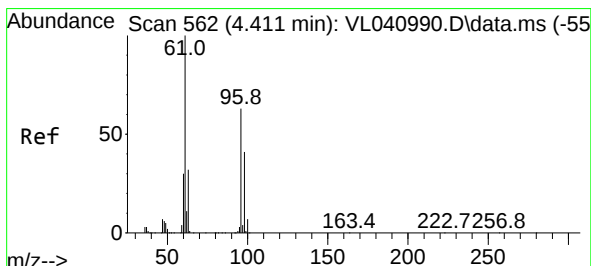
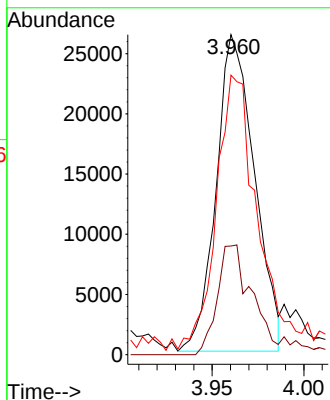
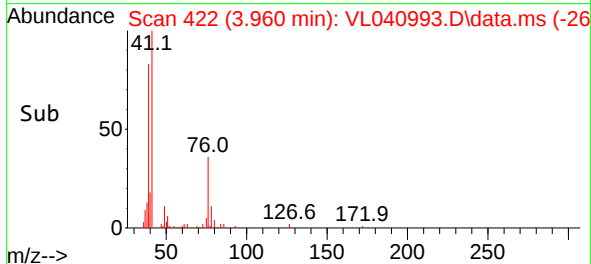
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



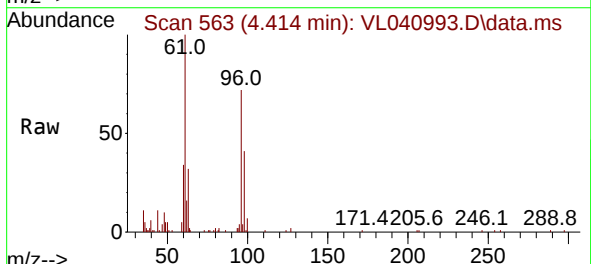
Tgt Ion: 41 Resp: 38198
 Ion Ratio Lower Upper
 41 100
 76 35.1 25.0 37.4
 39 96.9 67.0 100.6

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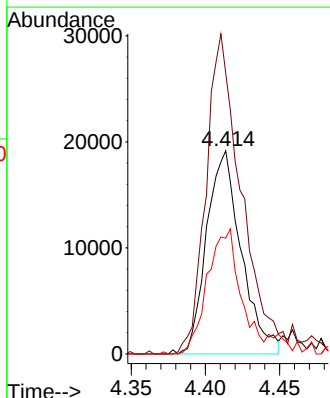
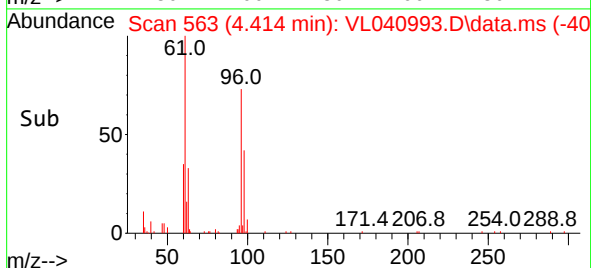
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

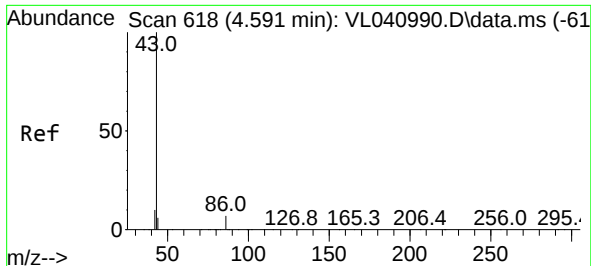


#22
 trans-1,2-Dichloroethene
 Concen: 0.586 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. 0.003 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38



Tgt Ion: 96 Resp: 31100
 Ion Ratio Lower Upper
 96 100
 61 137.1 126.0 189.0
 98 57.0 51.2 76.8





#23
 Vinyl Acetate
 Concen: 0.482 ppbv
 RT: 4.600 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

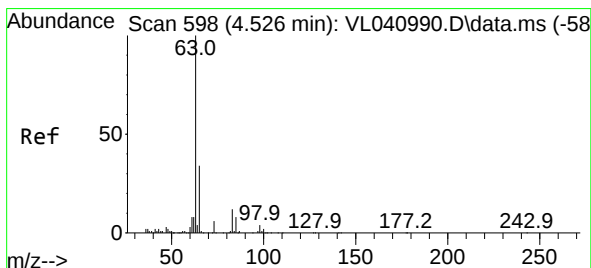
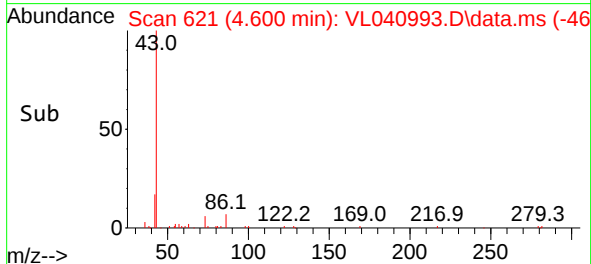
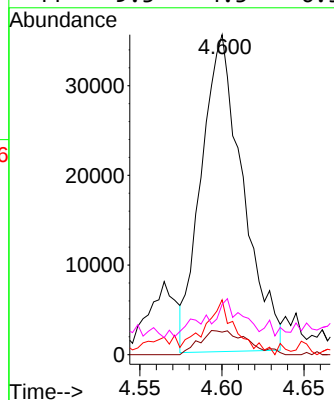
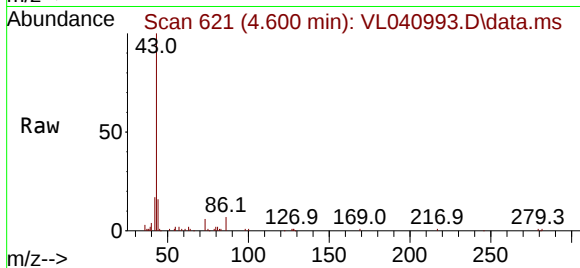
VSTDIC0.5

Tgt Ion: 43 Resp: 6216
 Ion Ratio Lower Upper
 43 100
 86 7.8 5.4 8.0
 42 16.5 8.6 13.0
 44 9.3 4.3 6.5

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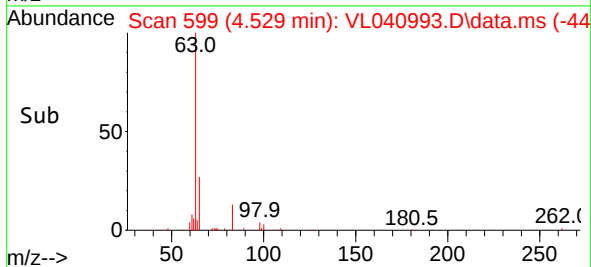
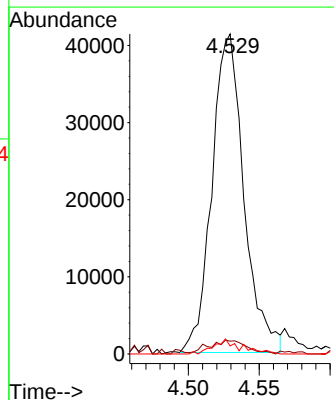
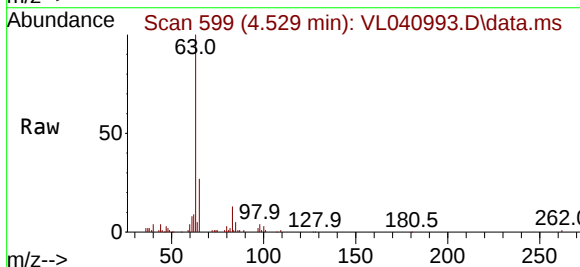
APPROVED

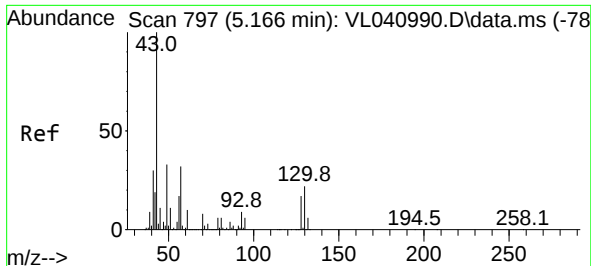
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 0.563 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

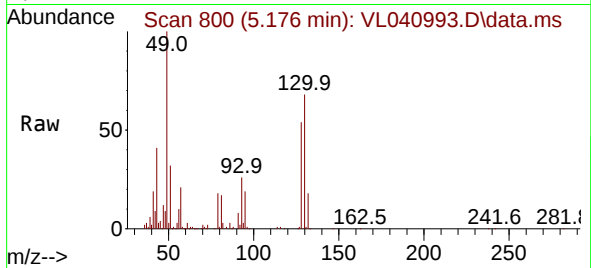
Tgt Ion: 63 Resp: 64969
 Ion Ratio Lower Upper
 63 100
 98 3.1 2.1 6.3
 100 2.5 1.3 3.9





#25
Ethyl Acetate
Concen: 0.575 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

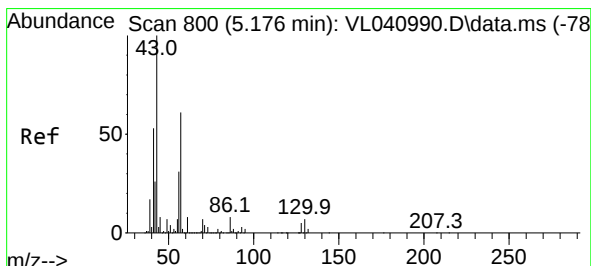
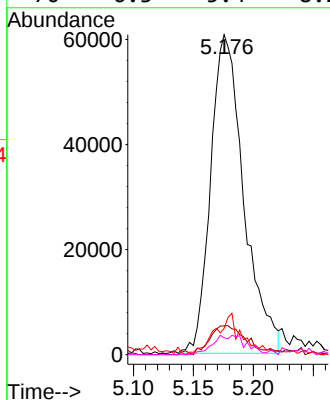
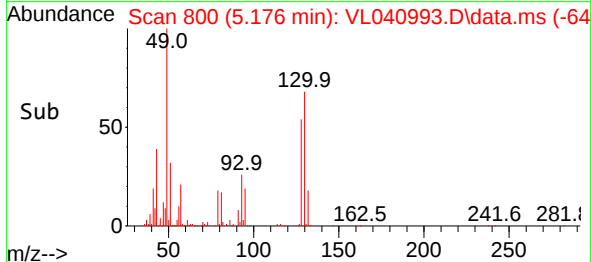
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 116460
Ion Ratio Lower Upper
43 100
45 11.5 8.2 12.4
61 10.3 7.9 11.9
70 6.3 5.4 8.2

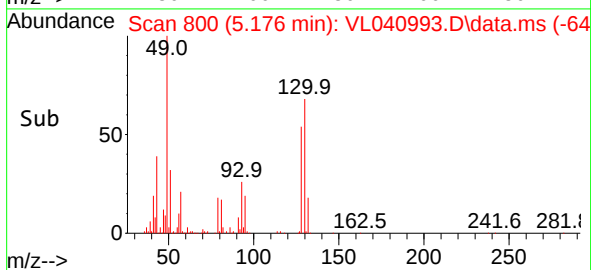
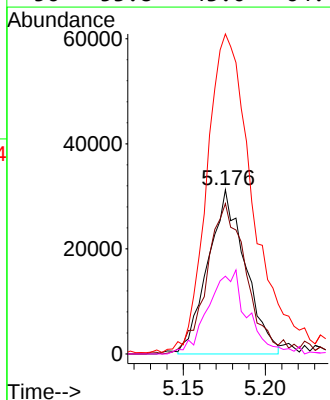
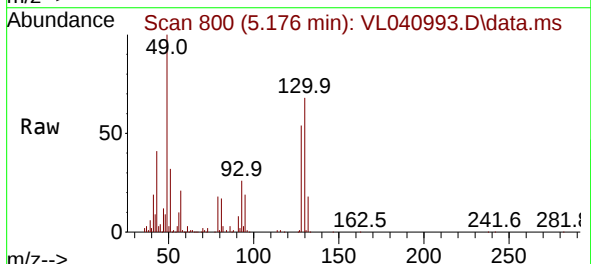
Manual Integrations
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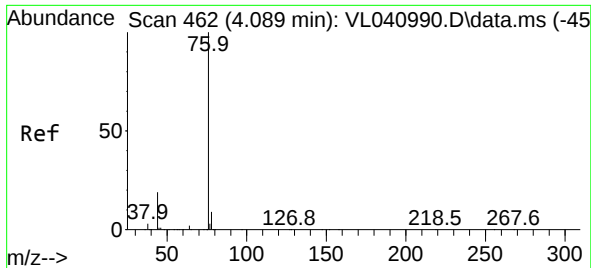
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
Hexane
Concen: 0.552 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

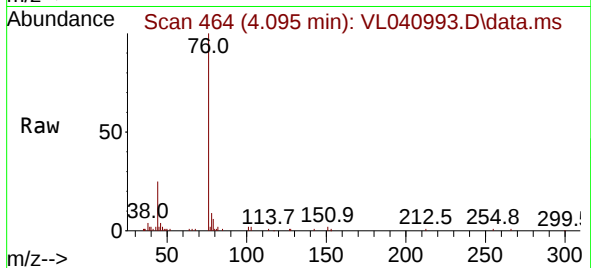
Tgt Ion: 57 Resp: 49505
Ion Ratio Lower Upper
57 100
41 96.9 74.4 111.6
43 257.0 190.6 285.8
56 53.8 43.0 64.4





#27
Carbon Disulfide
Concen: 0.516 ppbv m
RT: 4.095 min Scan# 4
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

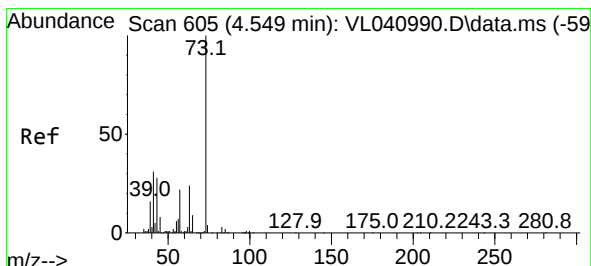
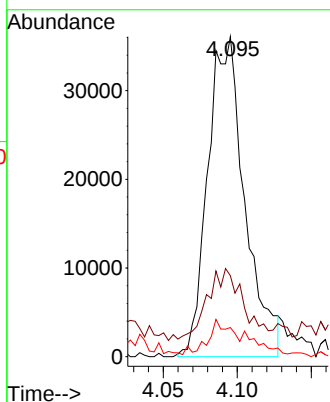
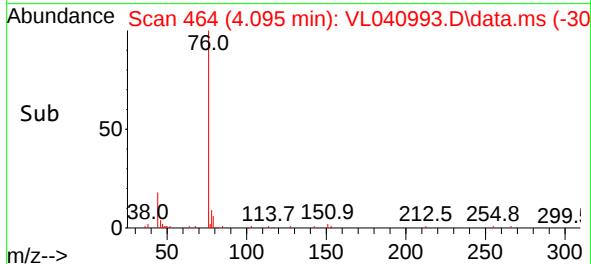
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 6270
Ion Ratio Lower Upper
76 100
44 0.0 16.0 24.0
78 12.9 7.8 11.8

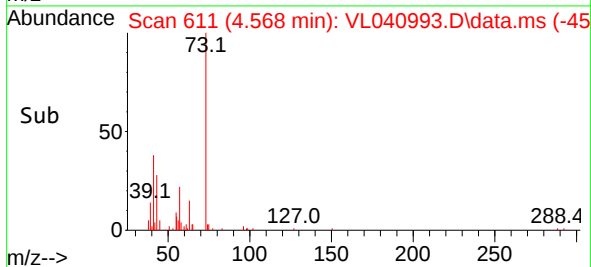
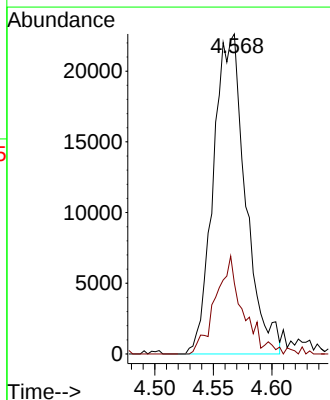
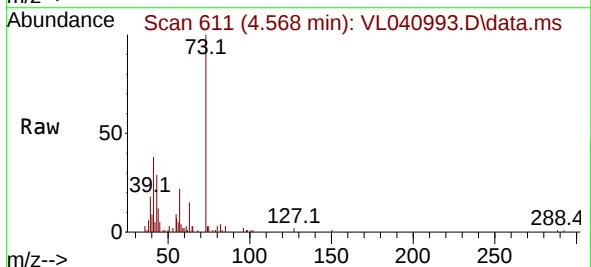
Manual Integrations
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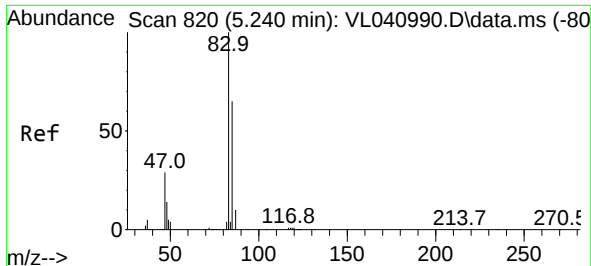
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#28
Methyl tert-Butyl Ether
Concen: 0.519 ppbv m
RT: 4.568 min Scan# 611
Delta R.T. 0.019 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 73 Resp: 43241
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0





#29

Chloroform

Concen: 0.617 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

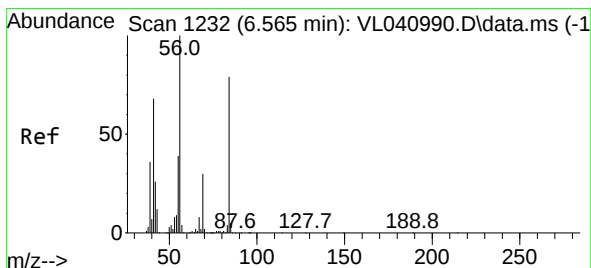
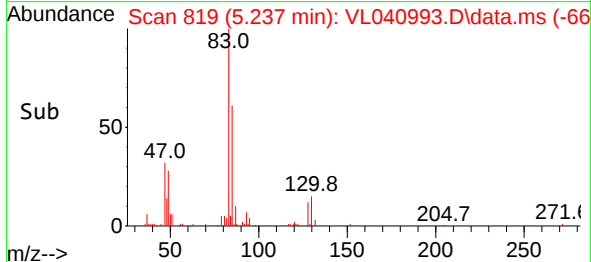
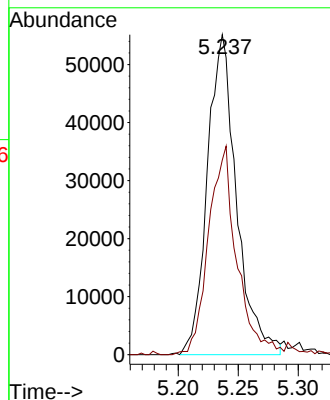
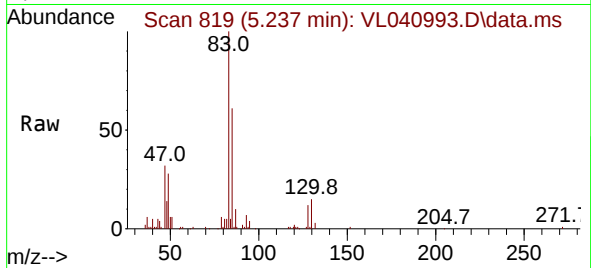
VSTDICC0.5

Tgt Ion: 83 Resp: 93380
 Ion Ratio Lower Upper
 83 100
 85 59.9 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#30

Cyclohexane

Concen: 0.538 ppbv

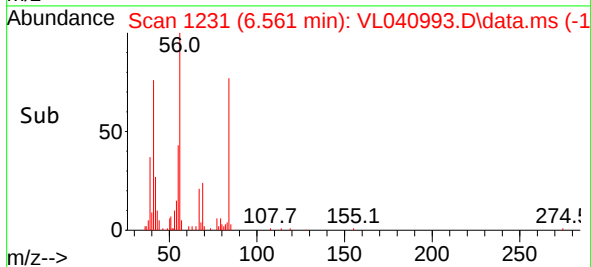
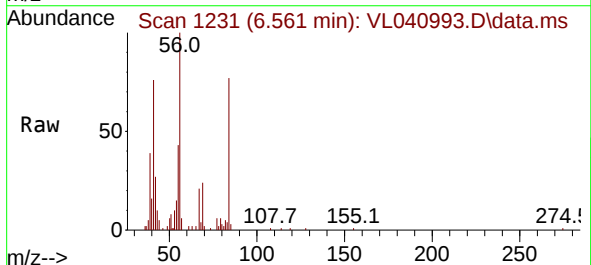
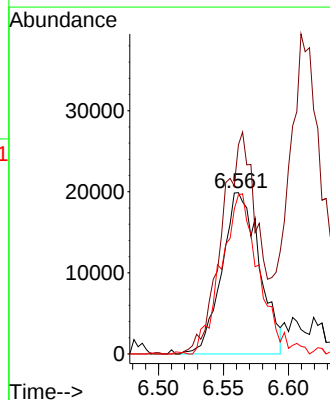
RT: 6.561 min Scan# 1231

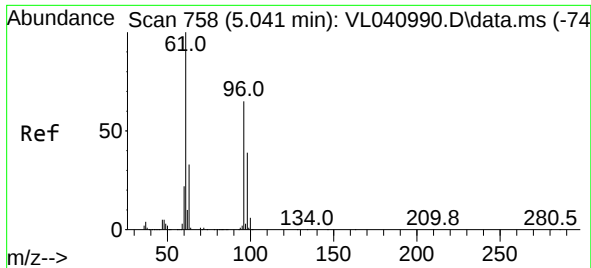
Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion: 84 Resp: 40226
 Ion Ratio Lower Upper
 84 100
 56 136.5 111.7 167.5
 41 101.5 71.0 106.6





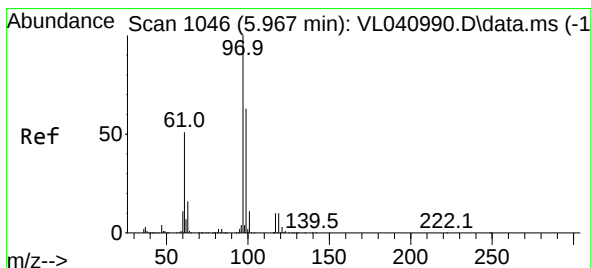
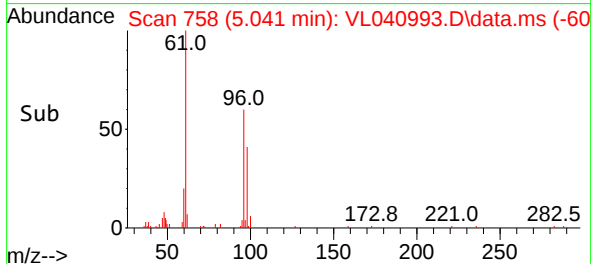
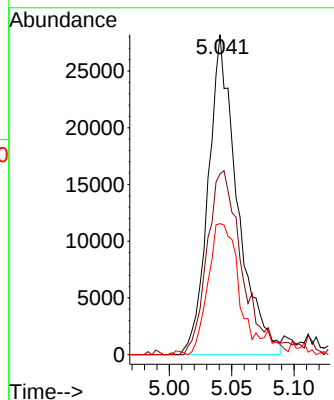
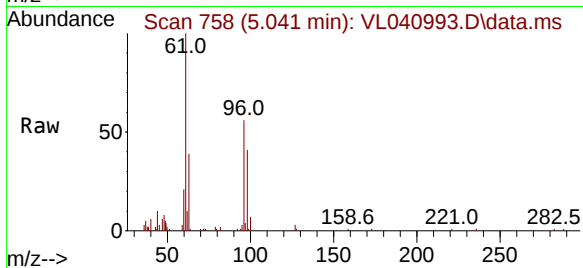
#31
 cis-1,2-Dichloroethene
 Concen: 0.498 ppbv
 RT: 5.041 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 4588
 Ion Ratio Lower Upper
 61 100
 96 56.5 51.9 77.9
 98 41.3 31.5 47.3

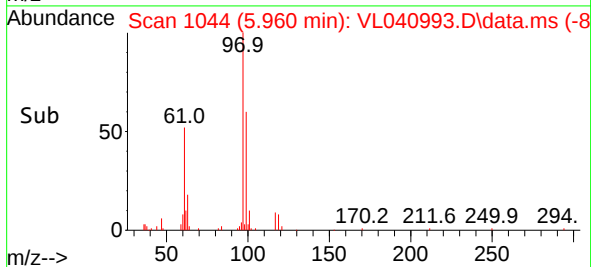
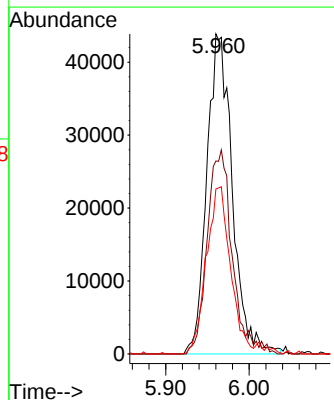
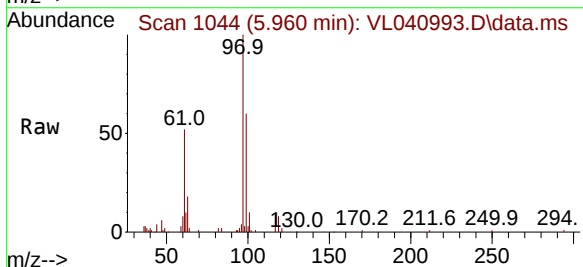
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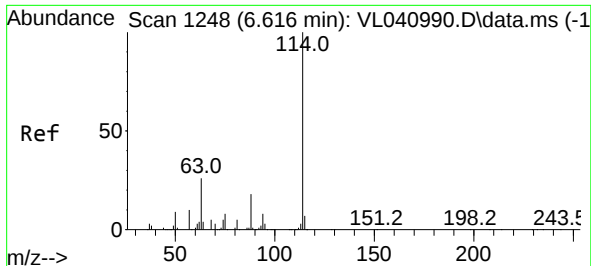
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.633 ppbv m
 RT: 5.960 min Scan# 1044
 Delta R.T. -0.007 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

Tgt Ion: 97 Resp: 92726
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.5 77.3
 61 51.4 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.613 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 272847

Ion Ratio Lower Upper

114 100

63 25.9 20.8 31.2

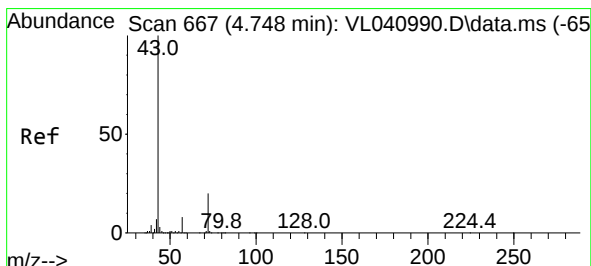
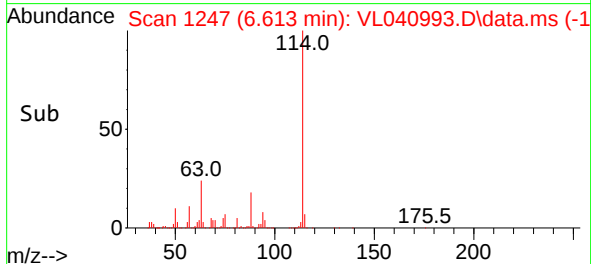
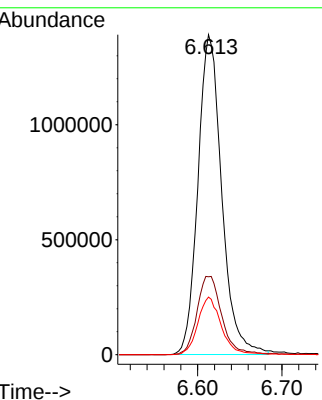
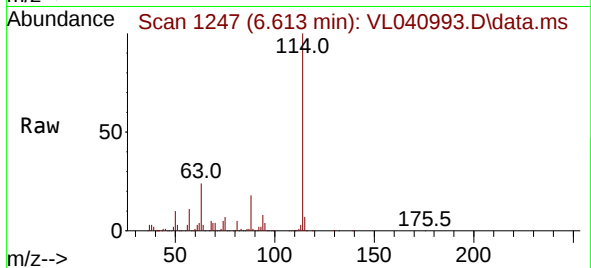
88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

2-Butanone

Concen: 0.448 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.016 min

Lab File: VL040993.D

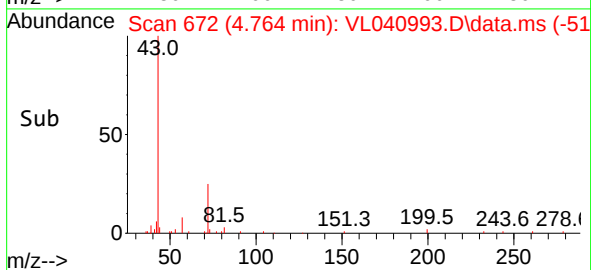
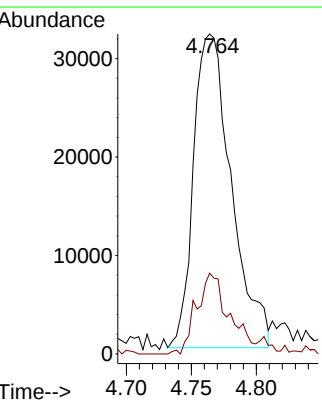
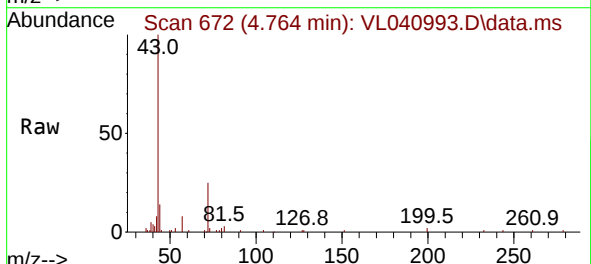
Acq: 23 Jan 2024 11:38

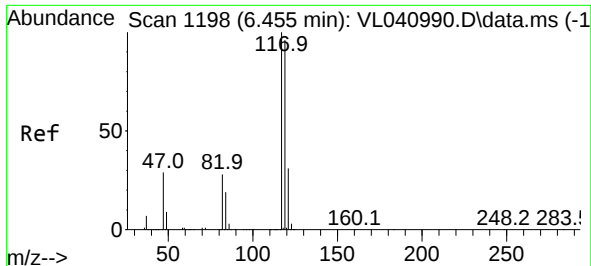
Tgt Ion: 43 Resp: 64650

Ion Ratio Lower Upper

43 100

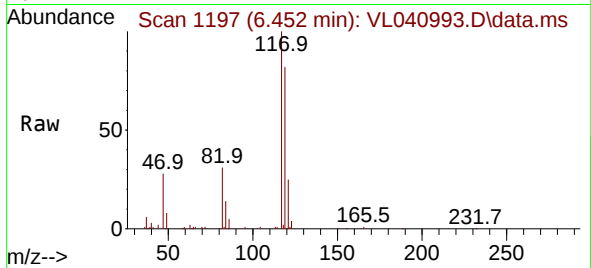
72 24.1 17.5 26.3





#35
Carbon Tetrachloride
Concen: 0.543 ppbv
RT: 6.452 min Scan# 1197
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

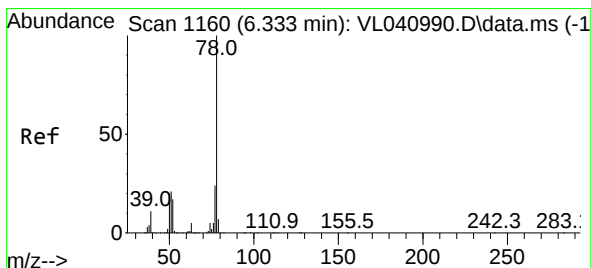
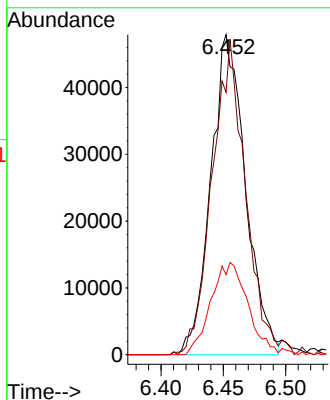
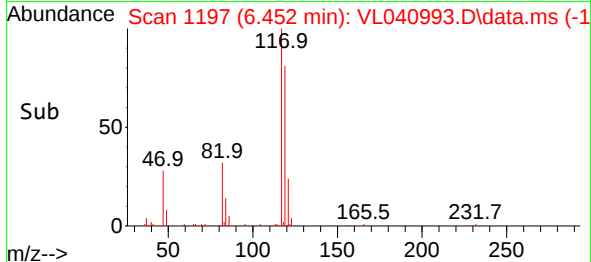
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



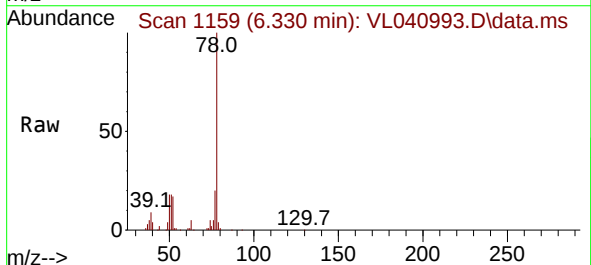
Tgt Ion: 117 Resp: 92722
Ion Ratio Lower Upper
117 100
119 81.3 76.9 115.3
121 25.1 24.7 37.1

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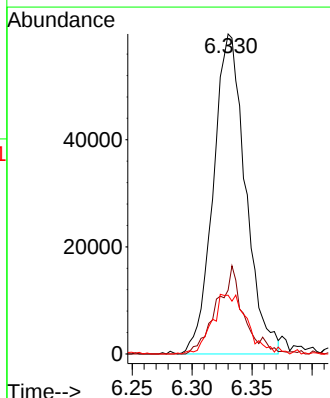
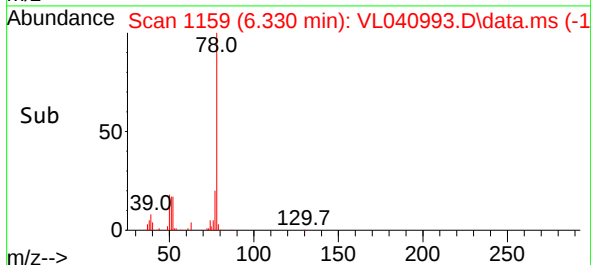
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

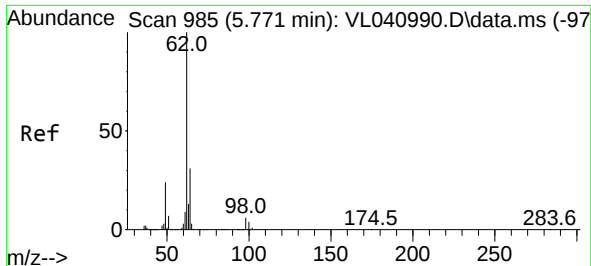


#36
Benzene
Concen: 0.522 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



Tgt Ion: 78 Resp: 111431
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.4
50 18.0 15.8 23.6





#37

1,2-Dichloroethane

Concen: 0.529 ppbv

RT: 5.770 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 67584

Ion Ratio Lower Upper

62 100

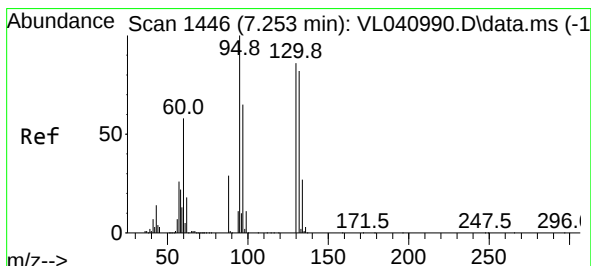
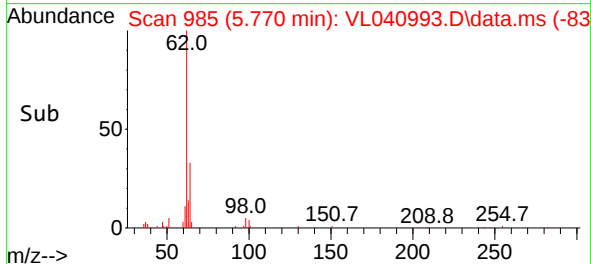
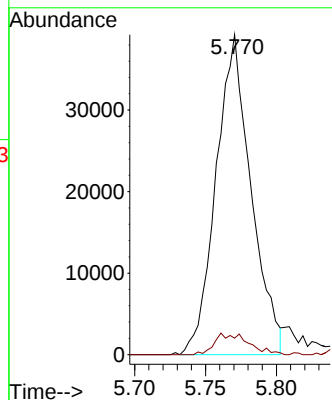
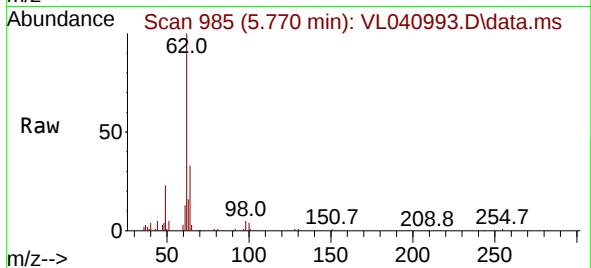
98 6.5 4.7 7.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Trichloroethene

Concen: 0.544 ppbv m

RT: 7.250 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:130 Resp: 43592

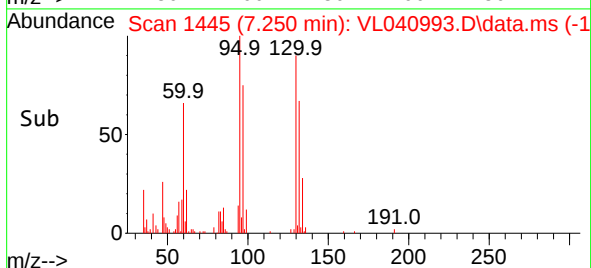
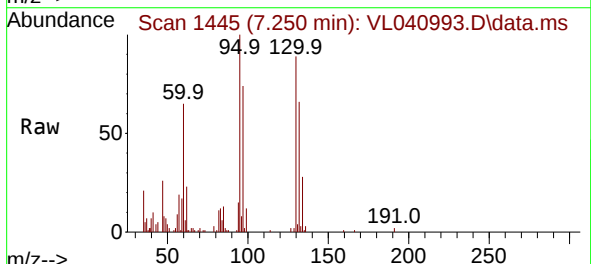
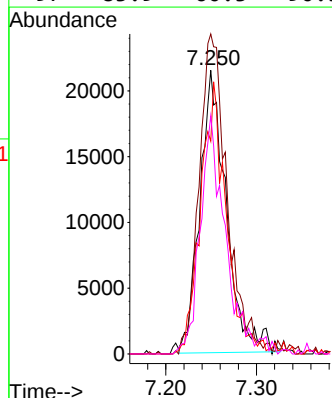
Ion Ratio Lower Upper

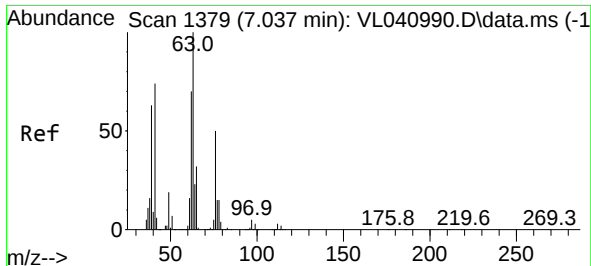
130 100

95 112.8 92.9 139.3

132 75.0 76.2 114.2#

97 83.9 60.3 90.5





#39

1,2-Dichloropropane

Concen: 0.517 ppbv

RT: 7.031 min Scan# 1455

Delta R.T. -0.007 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

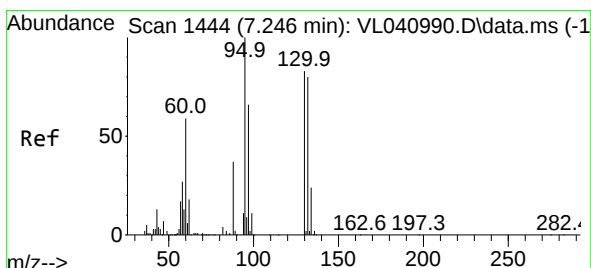
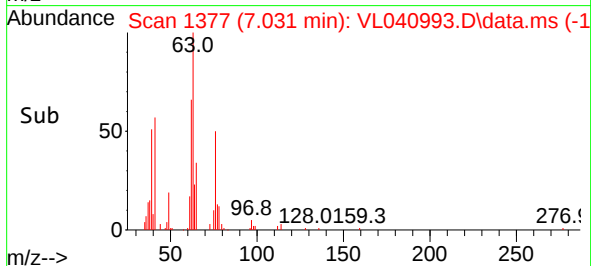
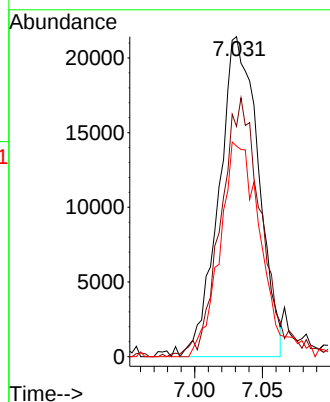
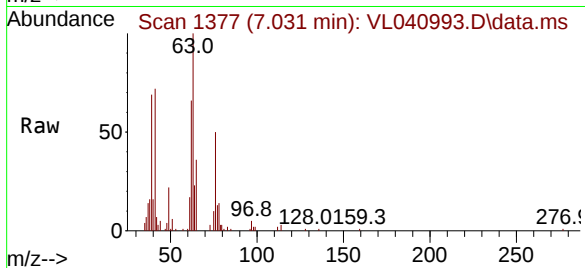
VSTDIC0.5

Tgt Ion: 63	Resp: 43324
Ion Ratio	Lower Upper
63 100	
41 72.5	59.6 89.4
62 67.0	55.6 83.4

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Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#40

1,4-Dioxane

Concen: 0.518 ppbv m

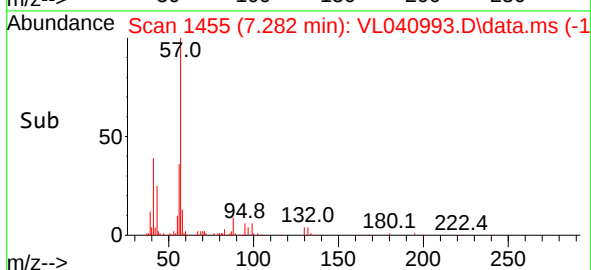
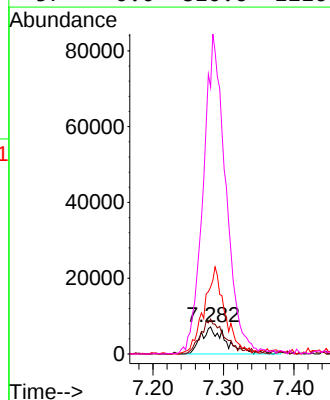
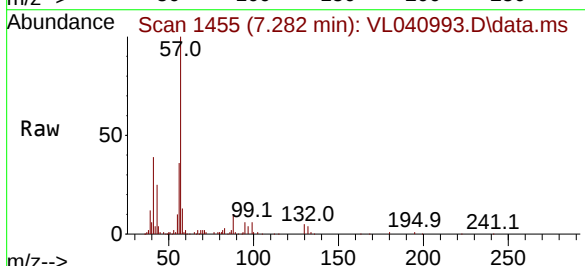
RT: 7.282 min Scan# 1455

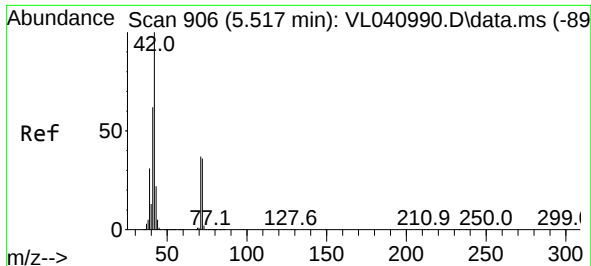
Delta R.T. 0.035 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion: 88	Resp: 18325
Ion Ratio	Lower Upper
88 100	
58 0.0	96.6 144.8#
43 0.0	191.0 286.6#
57 0.0	810.6 1216.0#





#41

Tetrahydrofuran

Concen: 0.493 ppbv m

RT: 5.542 min Scan# 914

Delta R.T. 0.026 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

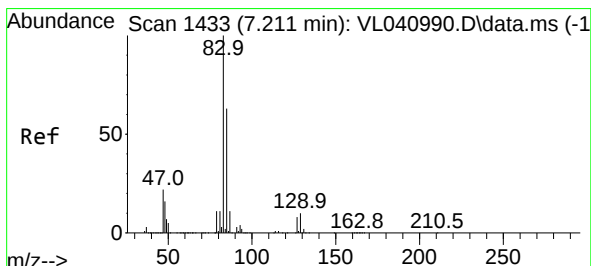
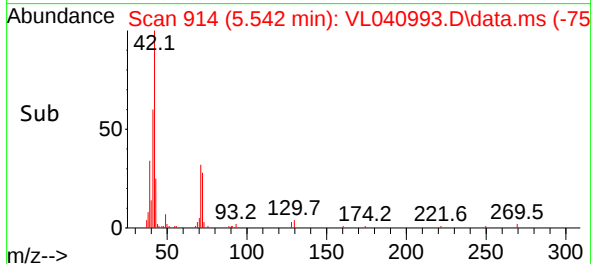
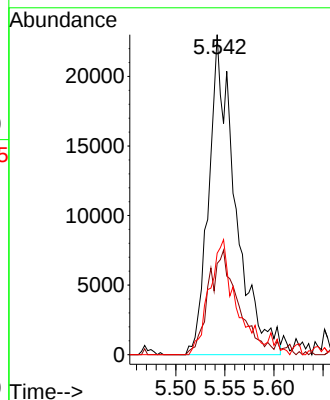
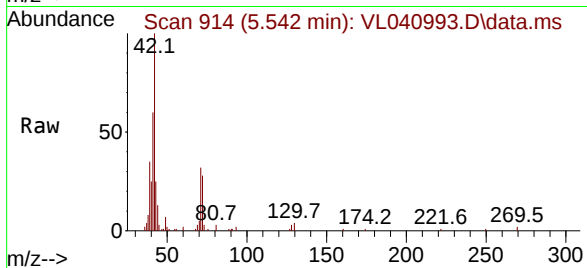
VSTDICC0.5

Tgt Ion:	42	Resp:	4328
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.0	45.0
71	0.0	29.5	44.3

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Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42

Bromodichloromethane

Concen: 0.505 ppbv

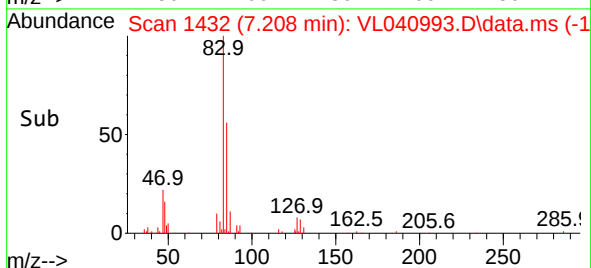
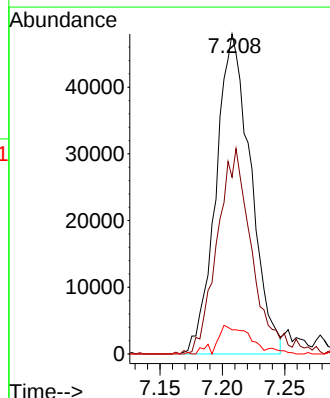
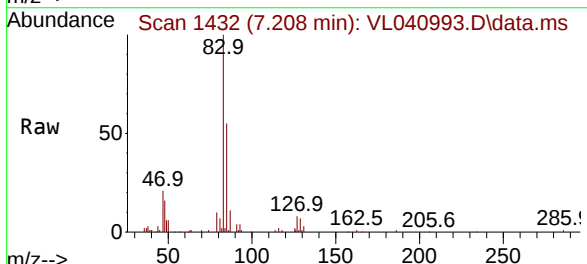
RT: 7.208 min Scan# 1432

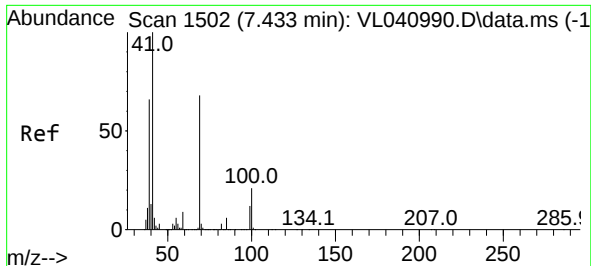
Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:	83	Resp:	93088
Ion Ratio	Lower	Upper	
83	100		
85	55.3	50.5	75.7
127	7.6	6.4	9.6





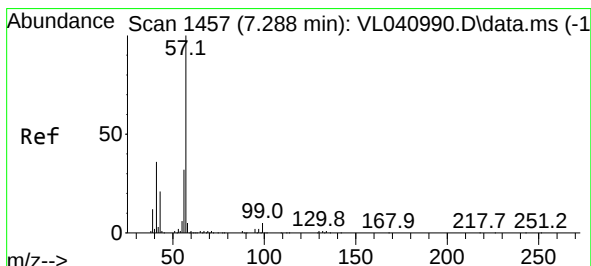
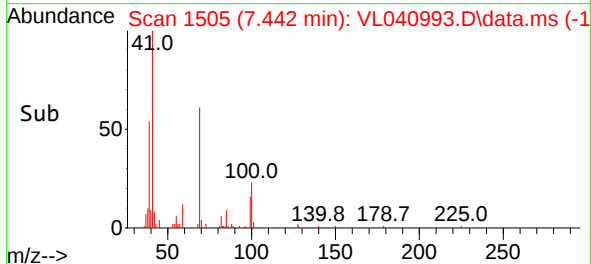
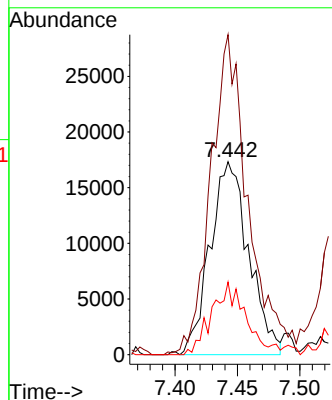
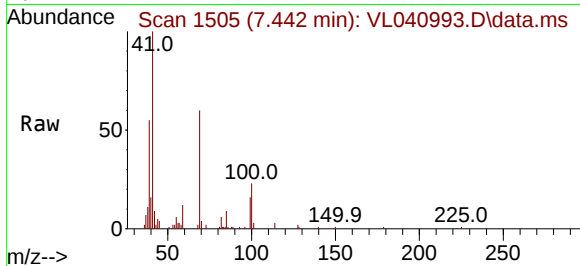
#43
Methyl Methacrylate
Concen: 0.448 ppbv
RT: 7.442 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 37440
Ion Ratio Lower Upper
69 100
41 159.1 120.2 180.2
100 34.5 24.6 36.8

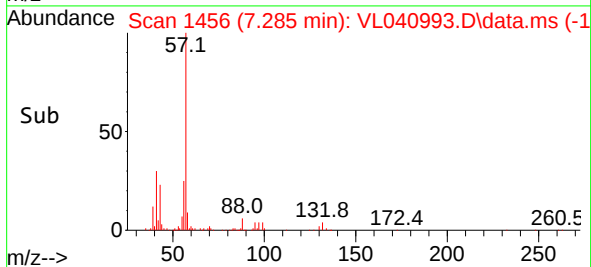
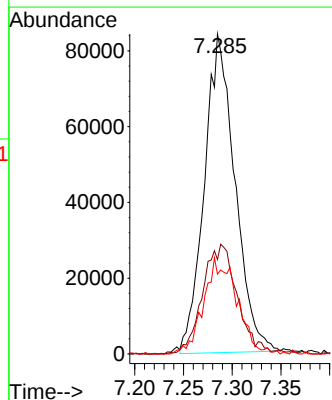
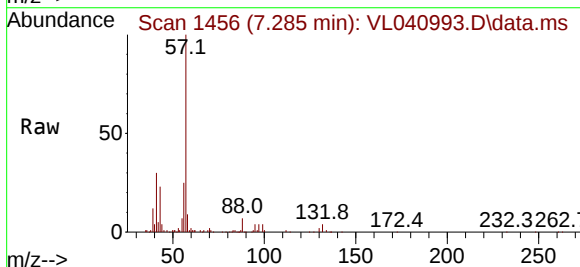
Manual Integrations
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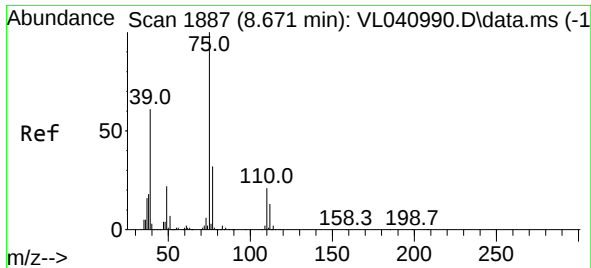
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
2,2,4-Trimethylpentane
Concen: 0.508 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

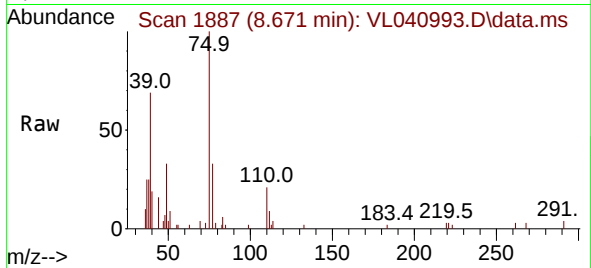
Tgt Ion: 57 Resp: 184006
Ion Ratio Lower Upper
57 100
41 39.5 28.6 43.0
56 32.9 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 0.400 ppbv m
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

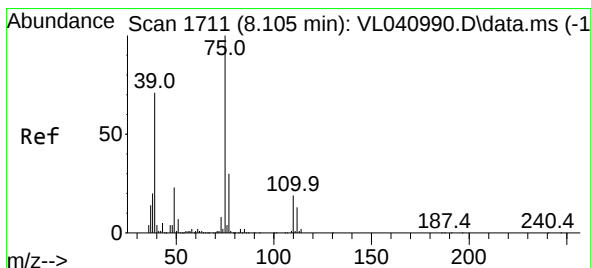
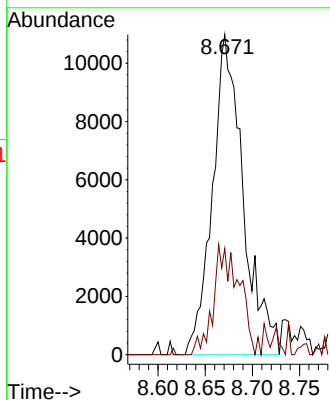
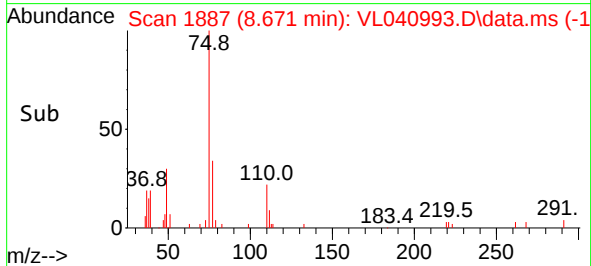
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 2482
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9

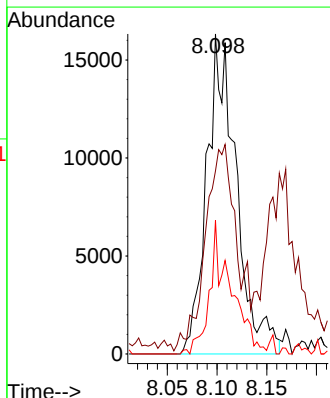
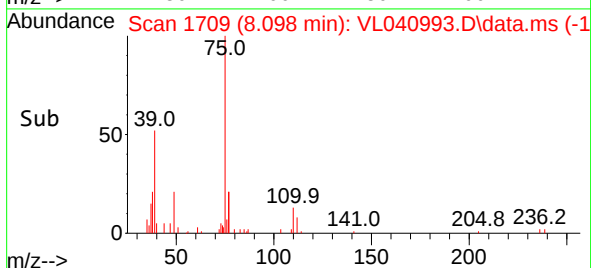
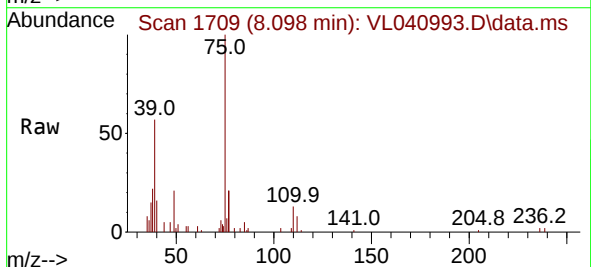
Manual Integrations
APPROVED

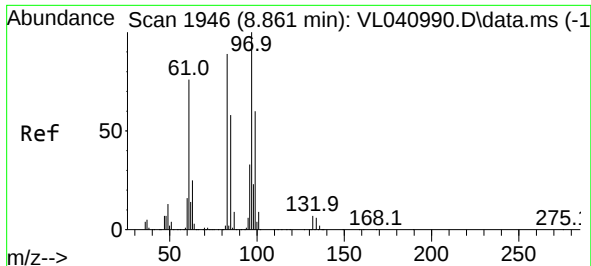
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#46
cis-1,3-Dichloropropene
Concen: 0.438 ppbv m
RT: 8.098 min Scan# 1709
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion: 75 Resp: 33664
Ion Ratio Lower Upper
75 100
39 57.2 57.3 85.9#
77 20.9 24.3 36.5#





#47

1,1,2-Trichloroethane

Concen: 0.524 ppbv

RT: 8.860 min Scan# 1946

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 4661

Ion Ratio Lower Upper

97 100

83 84.6 71.5 107.3

85 54.9 46.1 69.1

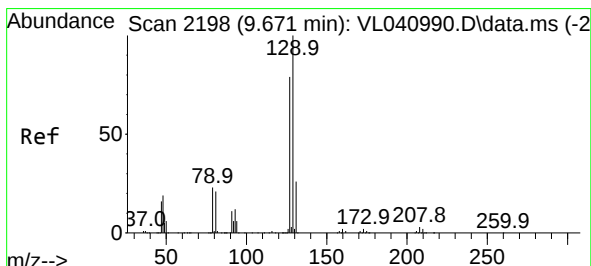
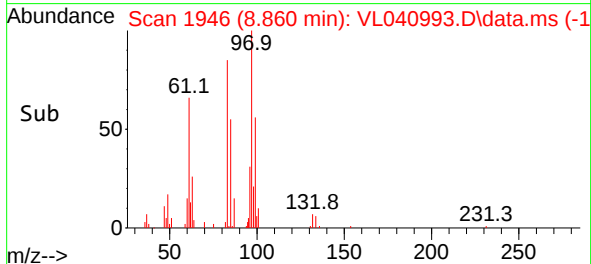
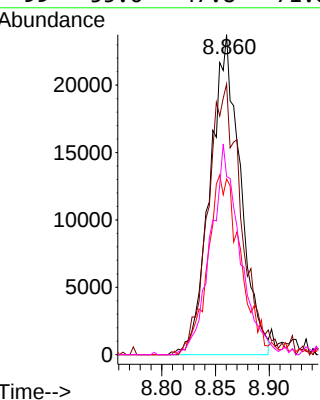
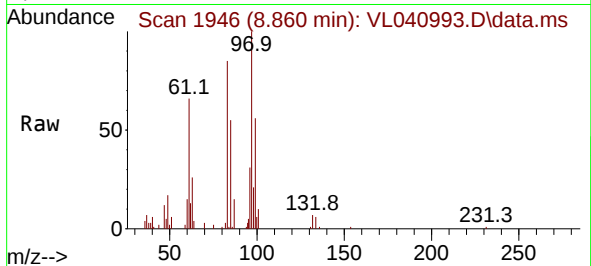
99 55.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#48

Dibromochloromethane

Concen: 0.498 ppbv m

RT: 9.664 min Scan# 2196

Delta R.T. -0.007 min

Lab File: VL040993.D

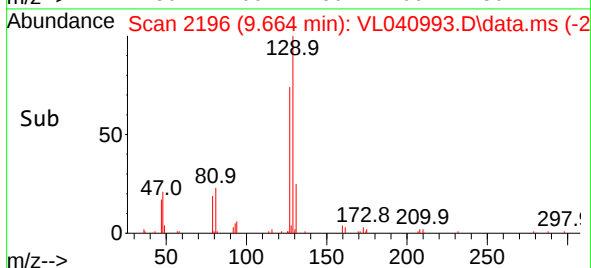
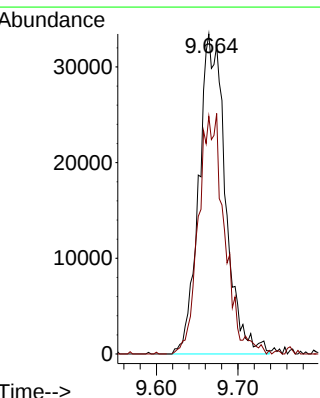
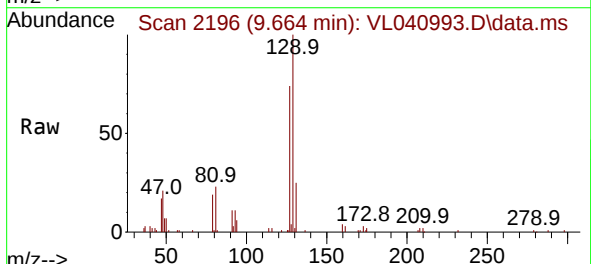
Acq: 23 Jan 2024 11:38

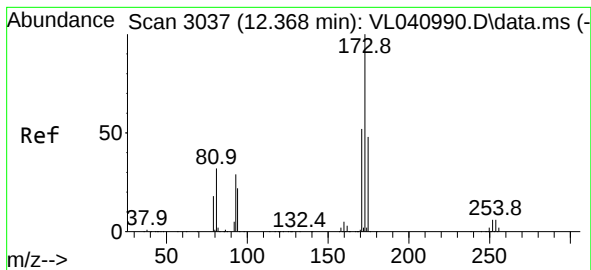
Tgt Ion:129 Resp: 75578

Ion Ratio Lower Upper

129 100

127 0.0 39.6 119.0#





#49

Bromoform

Concen: 0.430 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

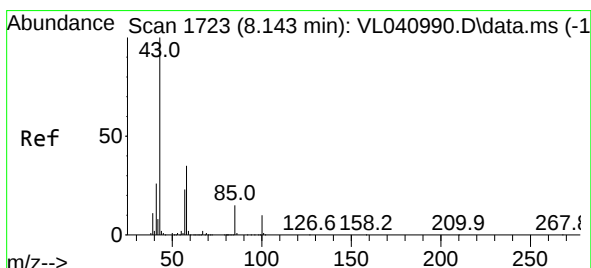
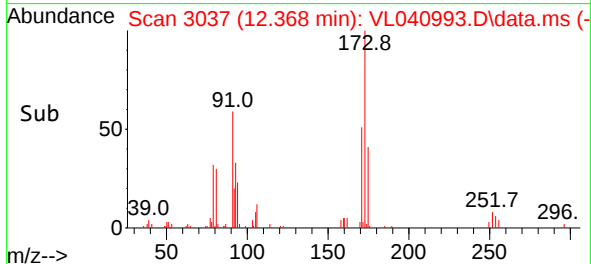
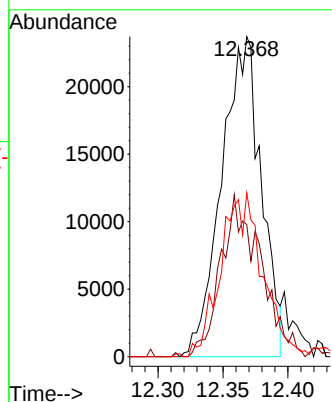
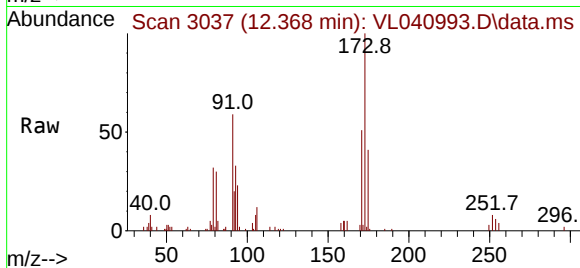
VSTDIC0.5

Tgt Ion:	173	Resp:	5033
Ion Ratio	Lower	Upper	
173	100		
175	52.4	39.0	58.4
171	56.0	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50

4-Methyl-2-Pentanone

Concen: 0.491 ppbv

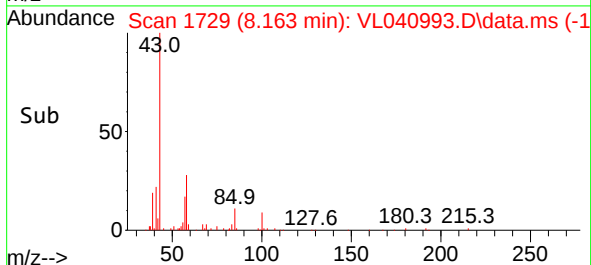
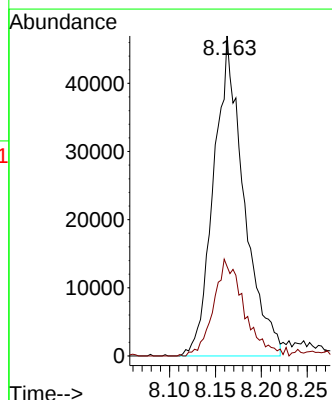
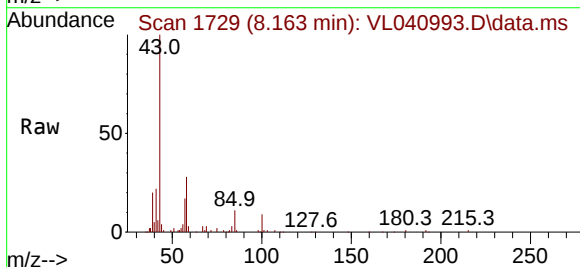
RT: 8.163 min Scan# 1729

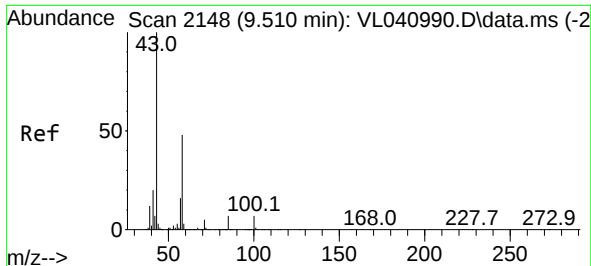
Delta R.T. 0.019 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

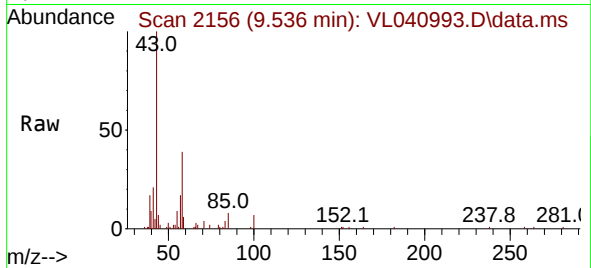
Tgt Ion:	43	Resp:	107425
Ion Ratio	Lower	Upper	
43	100		
58	31.2	27.8	41.8





#51
2-Hexanone
Concen: 0.441 ppbv m
RT: 9.536 min Scan# 2148
Delta R.T. 0.026 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

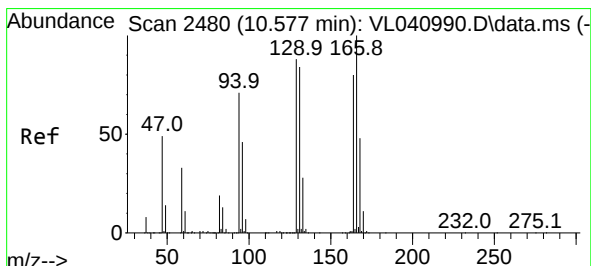
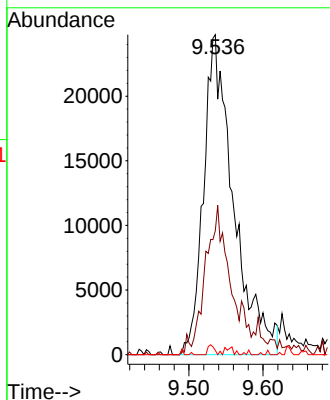
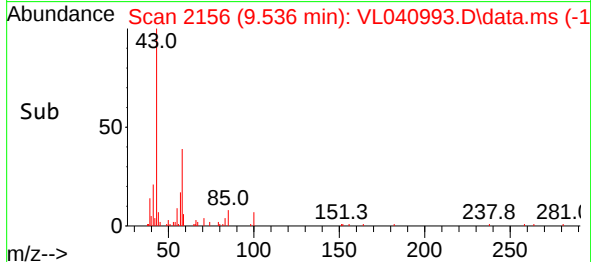
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 69420
Ion Ratio Lower Upper
43 100
58 0.0 36.8 55.2
98 0.7 0.3 0.5

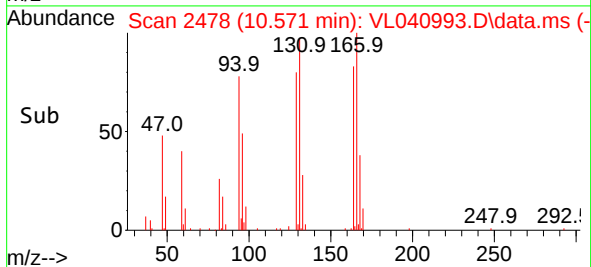
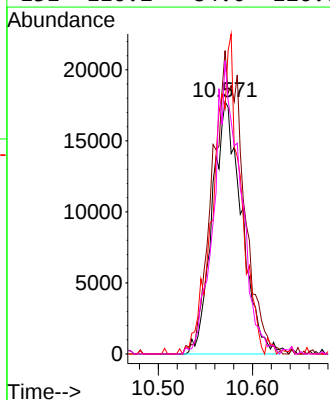
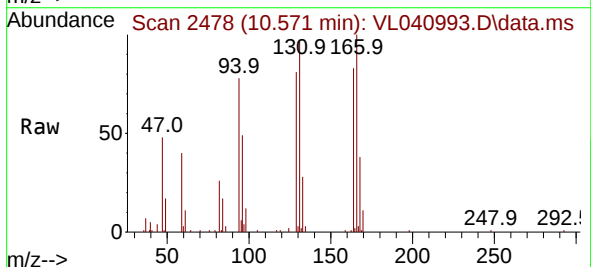
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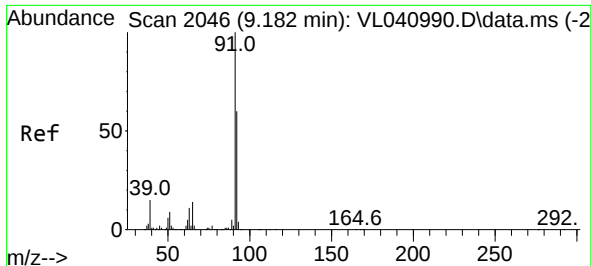
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 0.536 ppbv m
RT: 10.571 min Scan# 2478
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

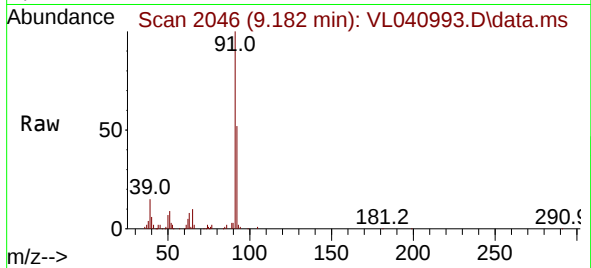
Tgt Ion:164 Resp: 38543
Ion Ratio Lower Upper
164 100
166 120.2 100.2 150.2
129 97.3 87.9 131.9
131 116.2 84.0 126.0





#53
Toluene
Concen: 0.477 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

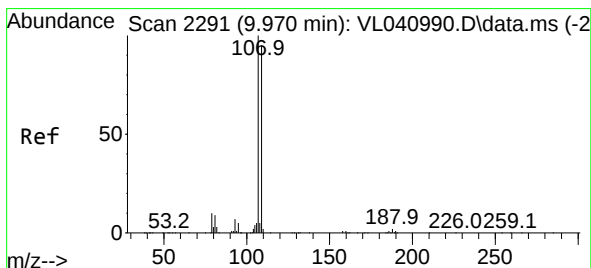
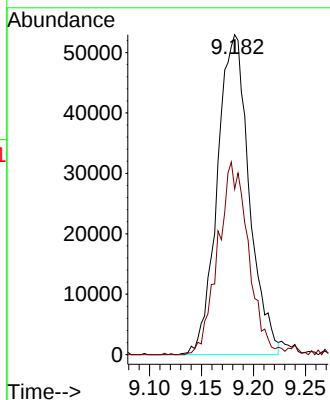
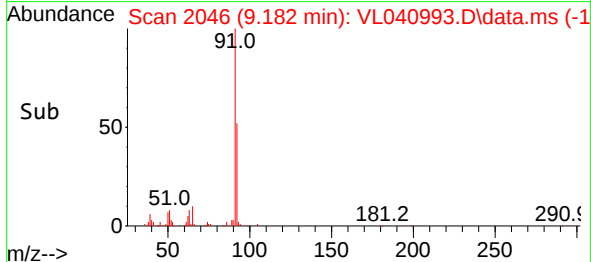
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



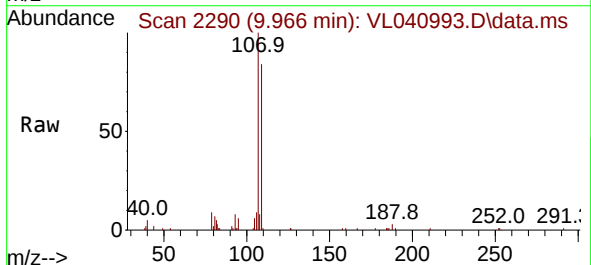
Tgt Ion: 91 Resp: 11289
Ion Ratio Lower Upper
91 100
92 58.9 48.6 72.8

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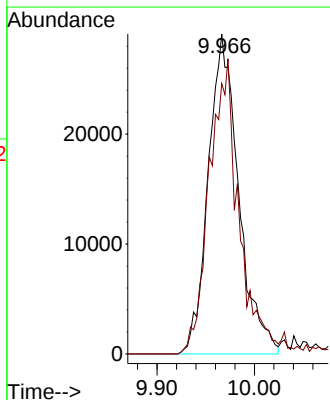
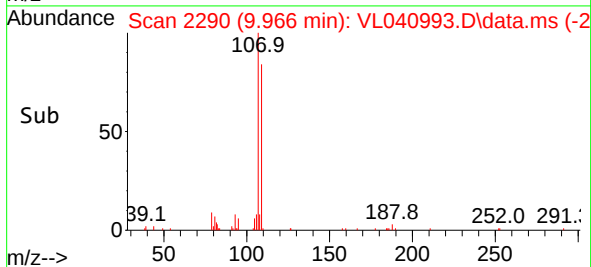
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

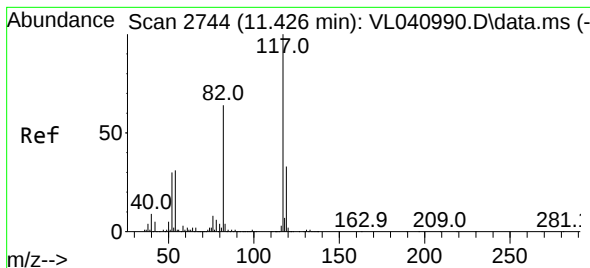


#54
1,2-Dibromoethane
Concen: 0.515 ppbv
RT: 9.966 min Scan# 2290
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



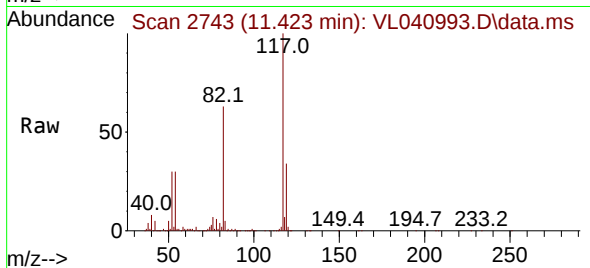
Tgt Ion:107 Resp: 62886
Ion Ratio Lower Upper
107 100
109 84.5 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

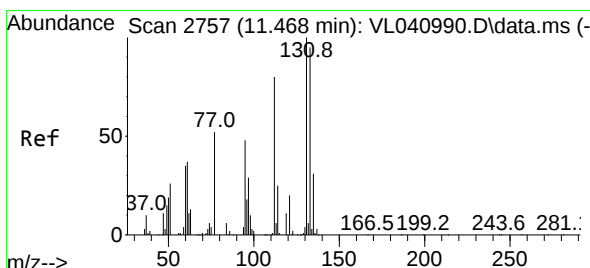
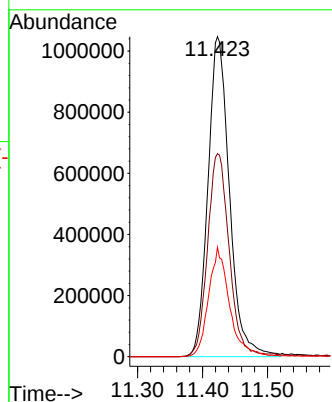
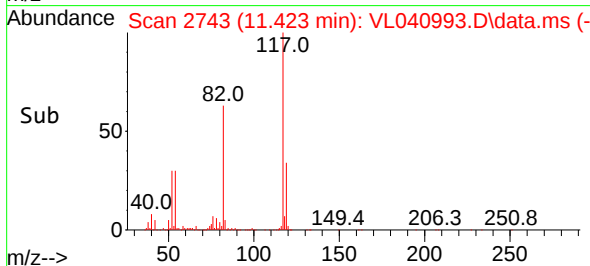
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



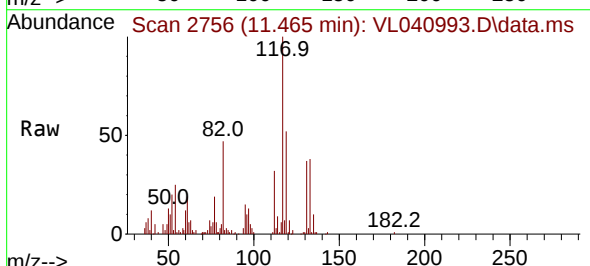
Tgt Ion:117 Resp: 2409850
Ion Ratio Lower Upper
117 100
82 64.8 51.7 77.5
119 33.5 23.8 35.6

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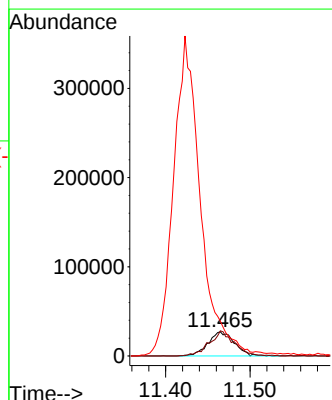
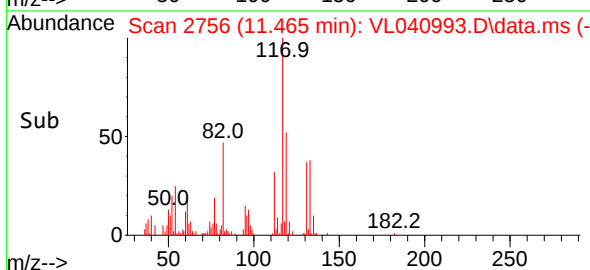
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

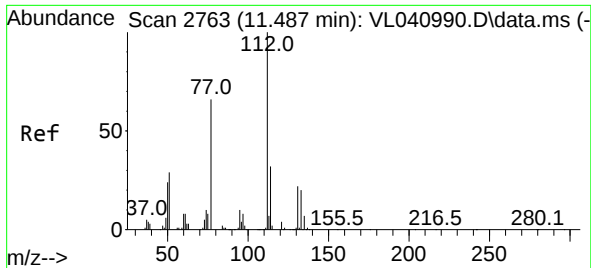


#56
1,1,1,2-Tetrachloroethane
Concen: 0.557 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



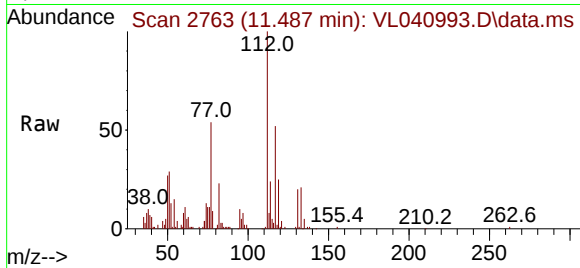
Tgt Ion:131 Resp: 58723
Ion Ratio Lower Upper
131 100
133 0.0 75.9 113.9#
119 0.0 49.2 73.8#





#57
Chlorobenzene
Concen: 0.560 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

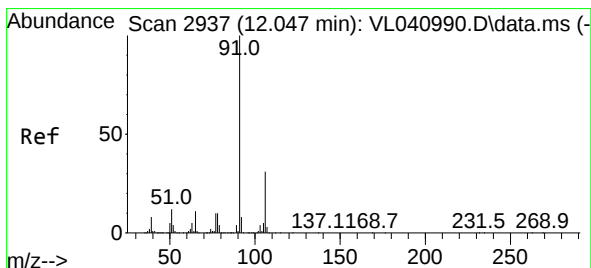
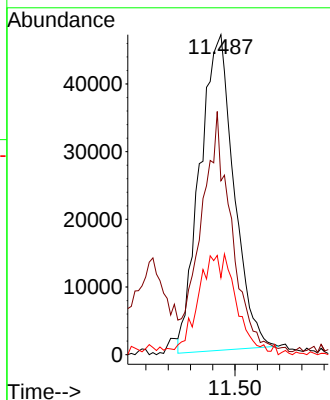
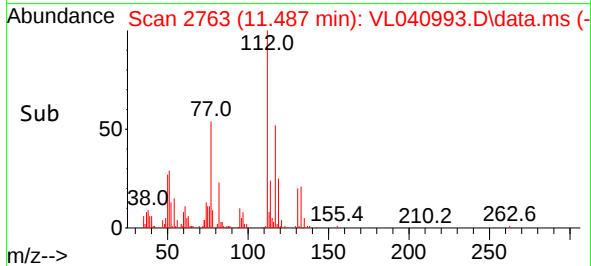
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 99440
Ion Ratio Lower Upper
112 100
77 53.8 53.4 80.0
114 24.8 29.1 35.5

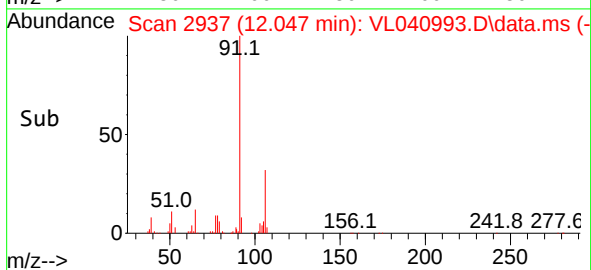
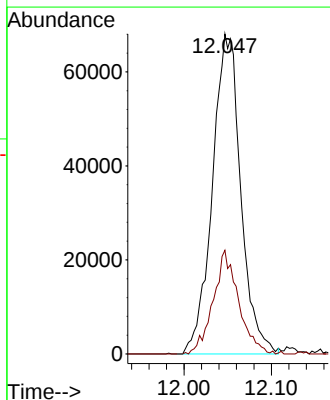
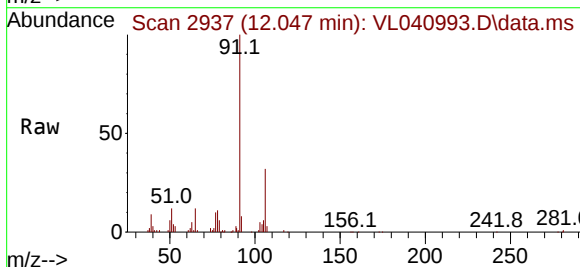
Manual Integrations
APPROVED

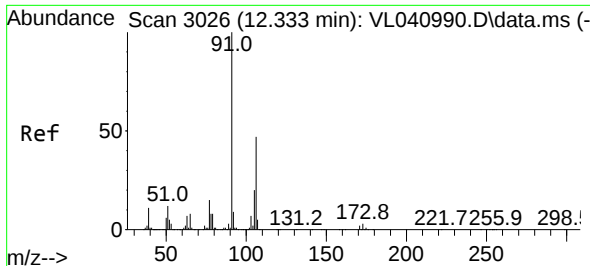
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
Ethyl Benzene
Concen: 0.497 ppbv m
RT: 12.047 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

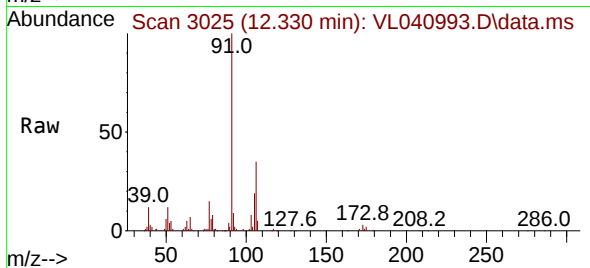
Tgt Ion: 91 Resp: 153727
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2





#59
m/p-Xylene
Concen: 1.016 ppbv m
RT: 12.330 min Scan# 3026
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

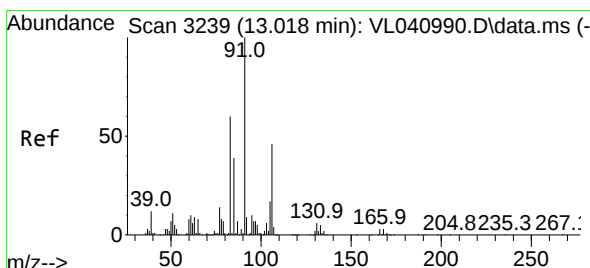
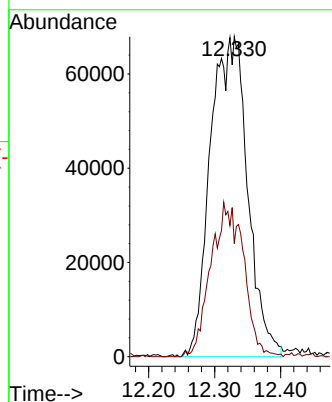
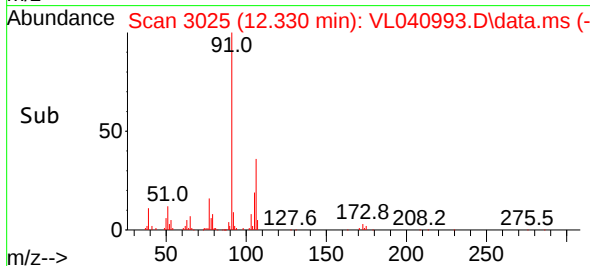
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



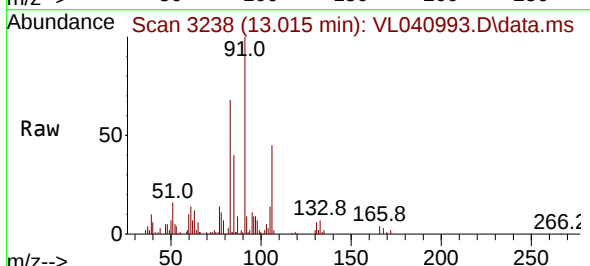
Tgt Ion: 91 Resp: 267489
Ion Ratio Lower Upper
91 100
106 0.0 34.9 52.3

Manual Integrations
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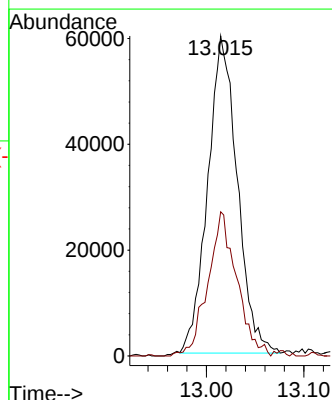
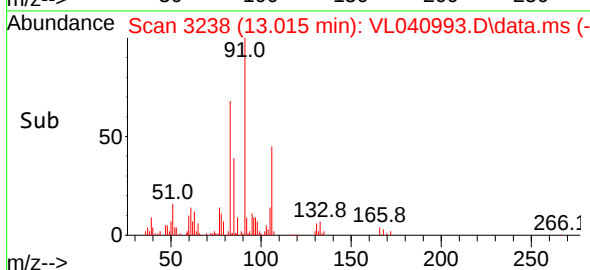
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

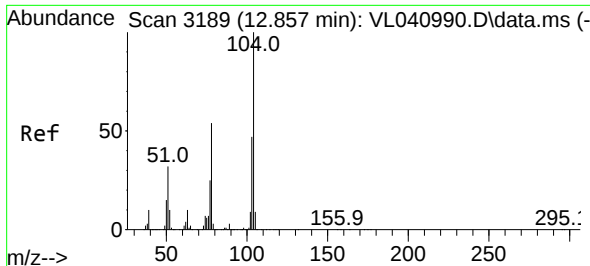


#60
o-Xylene
Concen: 0.508 ppbv
RT: 13.015 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



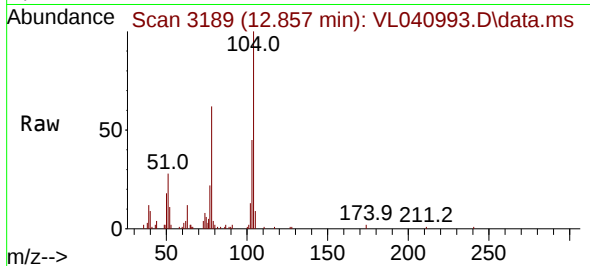
Tgt Ion: 91 Resp: 126127
Ion Ratio Lower Upper
91 100
106 45.0 22.6 67.7





#61
Styrene
Concen: 0.421 ppbv
RT: 12.857 min Scan# 3189
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

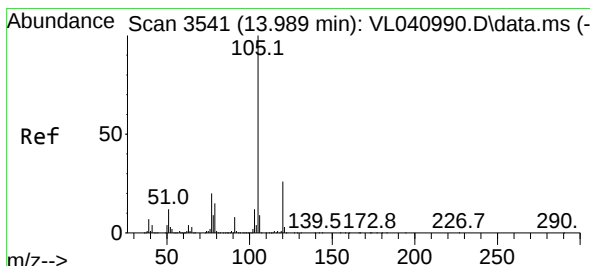
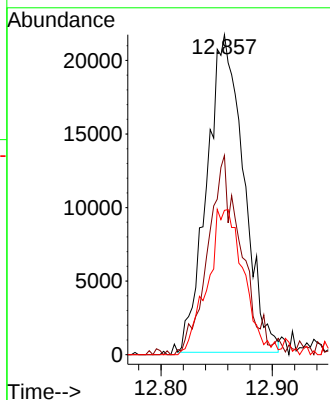
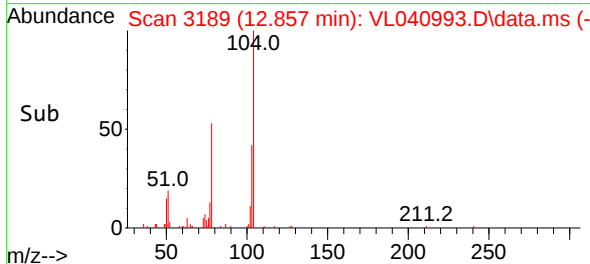
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



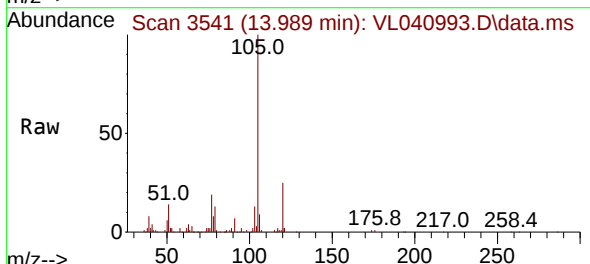
Tgt Ion:104 Resp: 49644
Ion Ratio Lower Upper
104 100
78 57.4 42.7 64.1
103 47.2 37.6 56.4

Manual Integrations
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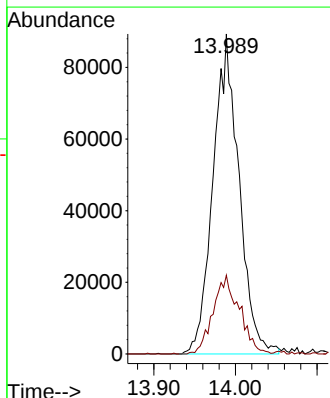
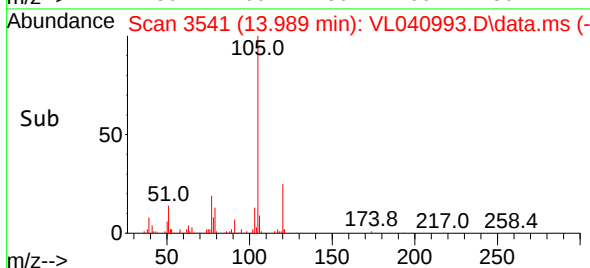
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

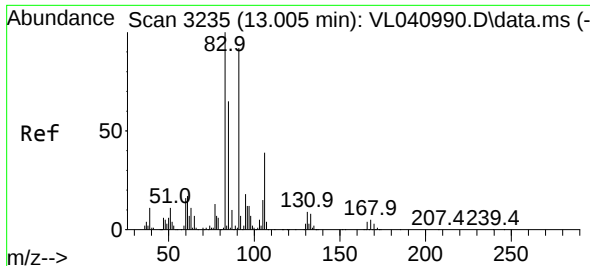


#62
Isopropylbenzene
Concen: 0.535 ppbv m
RT: 13.989 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



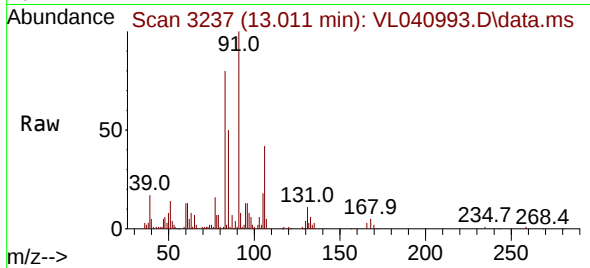
Tgt Ion:105 Resp: 196958
Ion Ratio Lower Upper
105 100
120 0.0 20.9 31.3#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.627 ppbv m
RT: 13.011 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

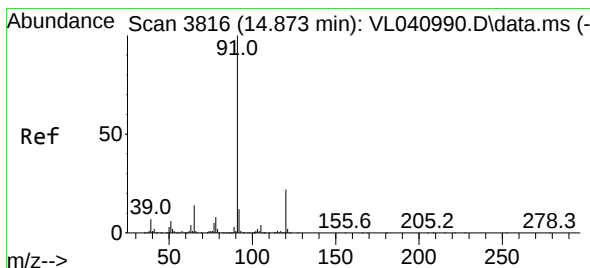
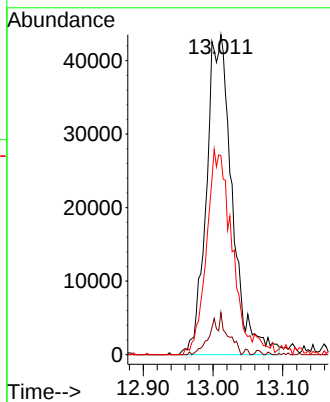
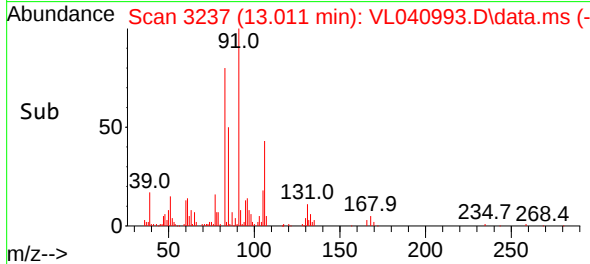
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 83 Resp: 11199
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 64.6 33.0 99.0

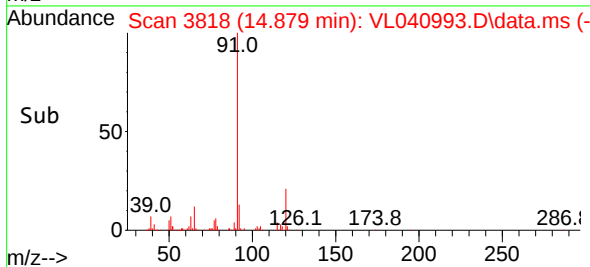
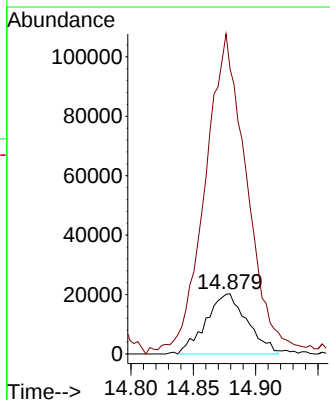
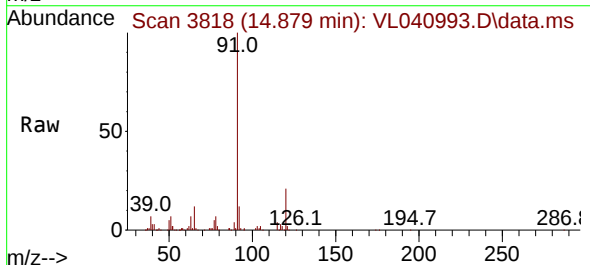
Manual Integrations
APPROVED

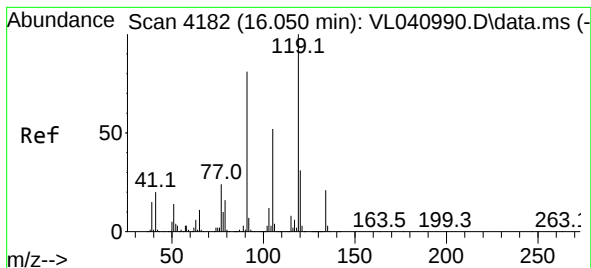
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#64
n-propylbenzene
Concen: 0.506 ppbv
RT: 14.879 min Scan# 3818
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:120 Resp: 46656
Ion Ratio Lower Upper
120 100
91 552.5 390.6 585.8





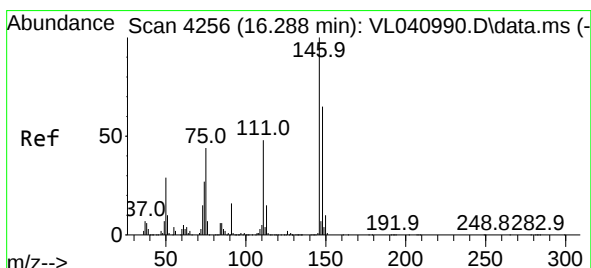
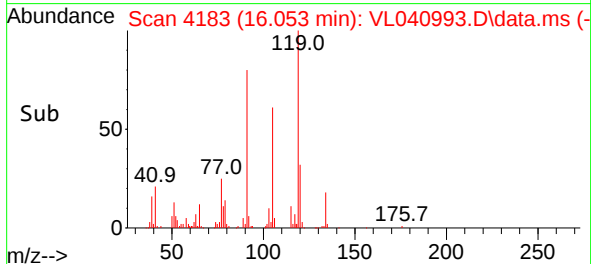
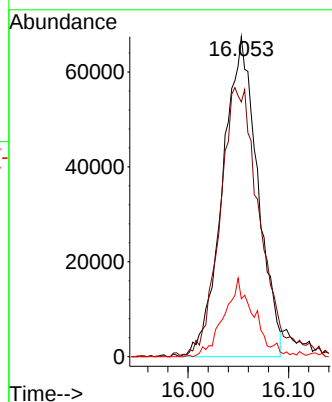
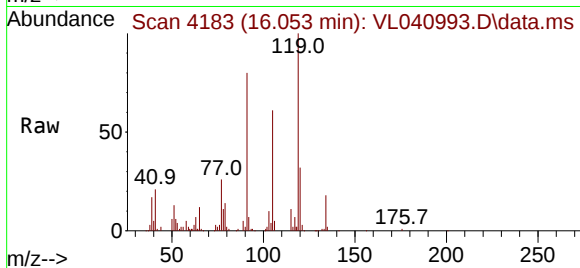
#65
tert-Butylbenzene
Concen: 0.522 ppbv
RT: 16.053 min Scan# 4182
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 16320
Ion Ratio Lower Upper
119 100
91 97.7 67.6 101.4
134 21.3 16.1 24.1

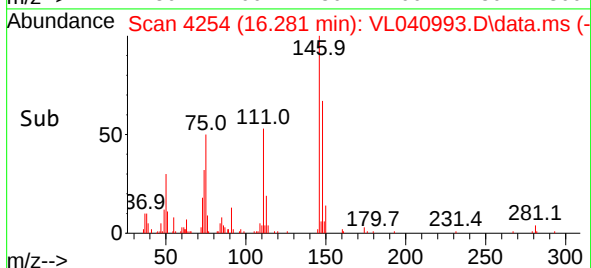
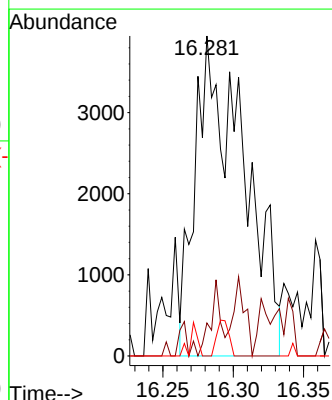
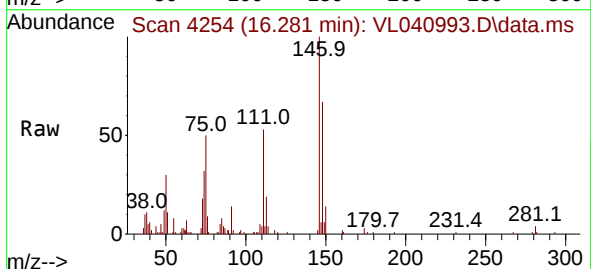
Manual Integrations
APPROVED

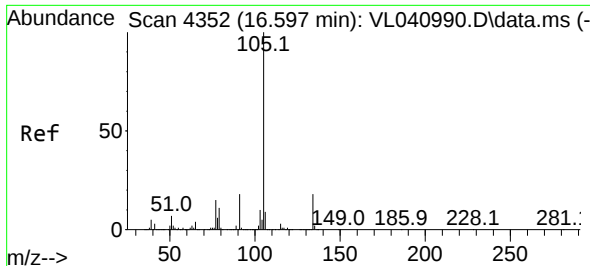
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
Benzyl Chloride
Concen: 0.447 ppbv m
RT: 16.281 min Scan# 4254
Delta R.T. -0.007 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

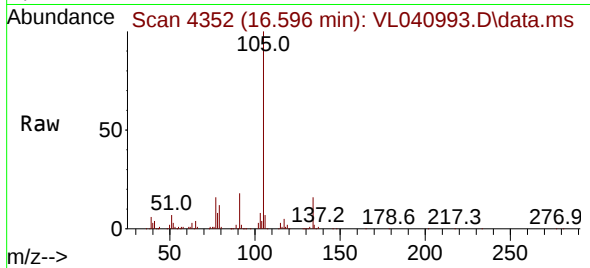
Tgt Ion: 91 Resp: 9566
Ion Ratio Lower Upper
91 100
126 2.2 13.6 20.4#
128 1.6 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.553 ppbv
 RT: 16.596 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38

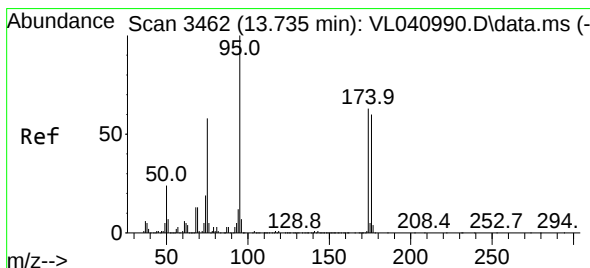
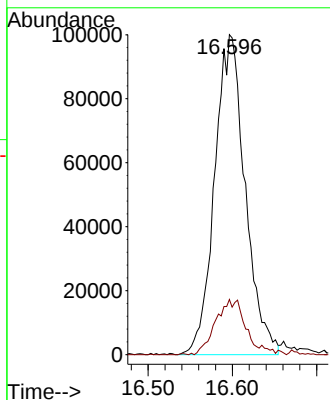
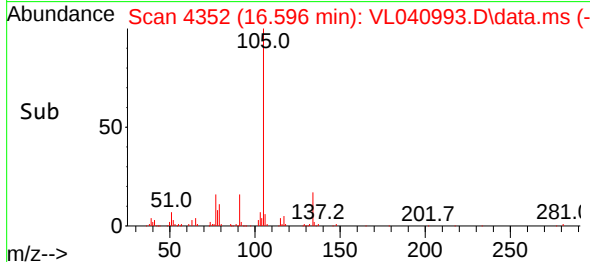
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



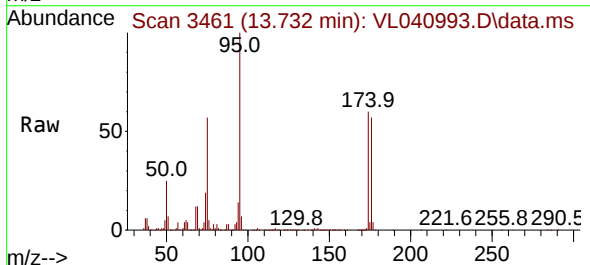
Tgt Ion:105 Resp: 25118
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4

Manual Integrations
 APPROVED

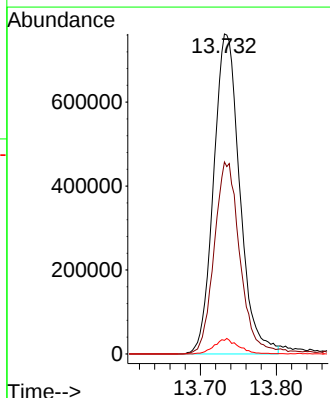
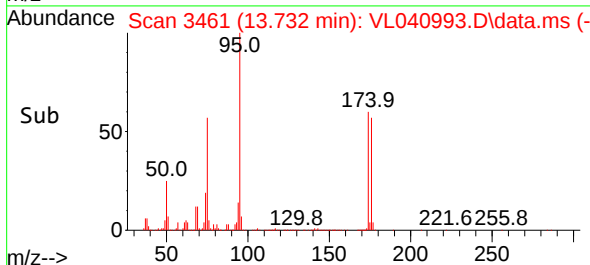
Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

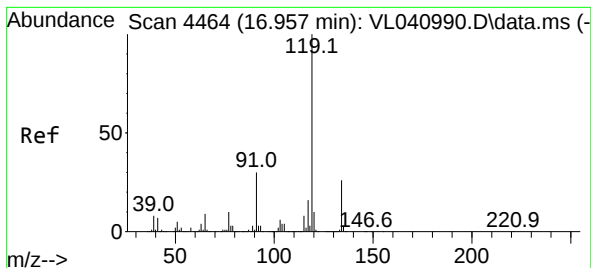


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.260 ppbv
 RT: 13.732 min Scan# 3461
 Delta R.T. -0.003 min
 Lab File: VL040993.D
 Acq: 23 Jan 2024 11:38



Tgt Ion: 95 Resp: 1821198
 Ion Ratio Lower Upper
 95 100
 174 60.9 49.1 73.7
 175 4.5 3.7 5.5





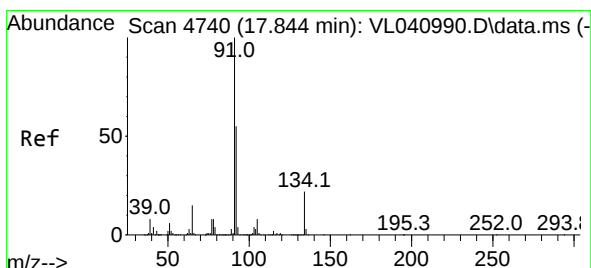
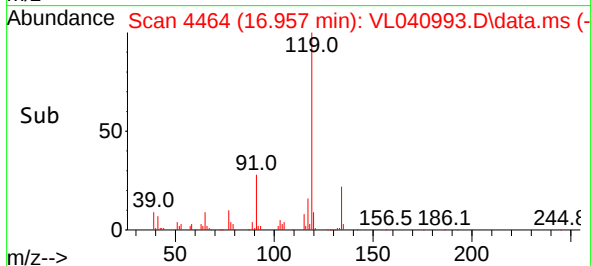
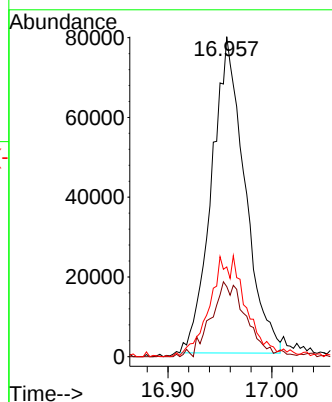
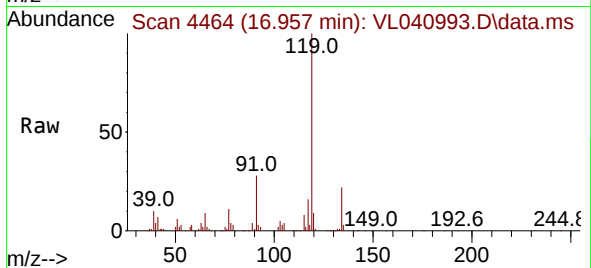
#69
p-Isopropyltoluene
Concen: 0.499 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 176297
Ion Ratio Lower Upper
119 100
134 26.0 20.6 30.8
91 35.5 24.5 36.7

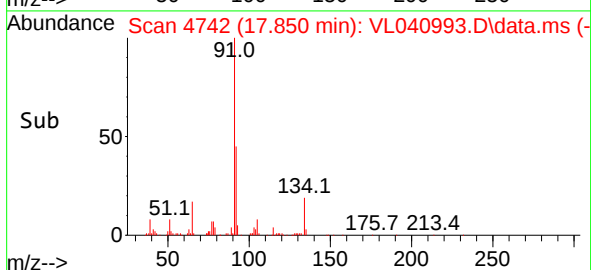
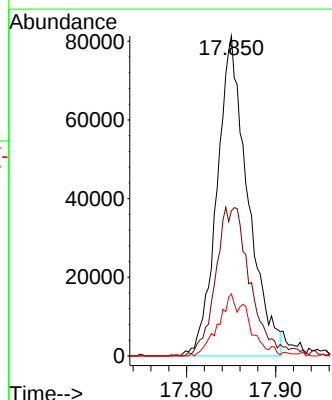
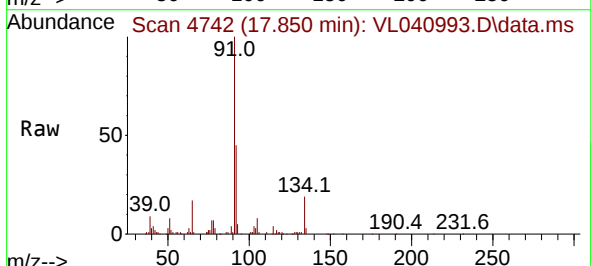
Manual Integrations
APPROVED

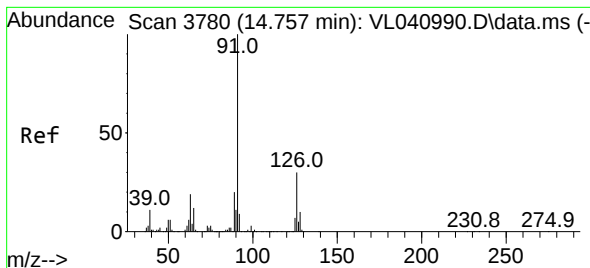
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#70
n-Butylbenzene
Concen: 0.532 ppbv
RT: 17.850 min Scan# 4742
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

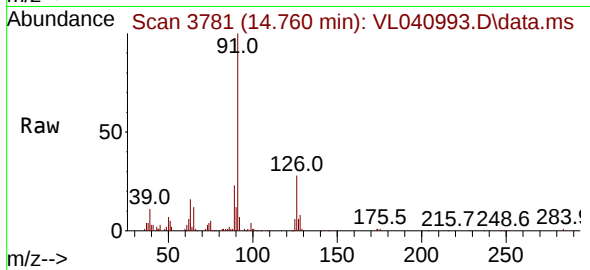
Tgt Ion: 91 Resp: 195242
Ion Ratio Lower Upper
91 100
92 53.3 43.4 65.0
134 20.0 17.4 26.0





#71
2-Chlorotoluene
Concen: 0.516 ppbv
RT: 14.760 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

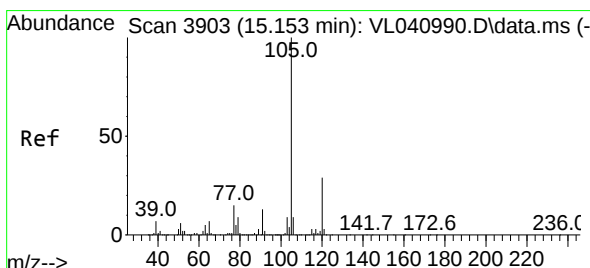
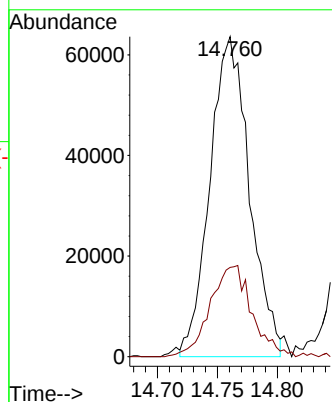
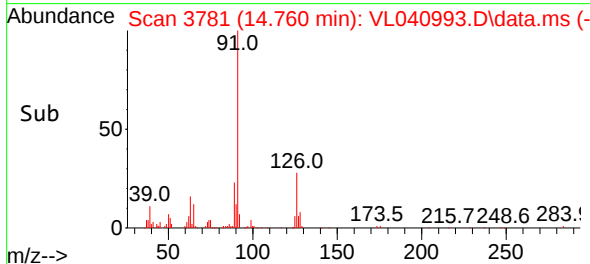
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



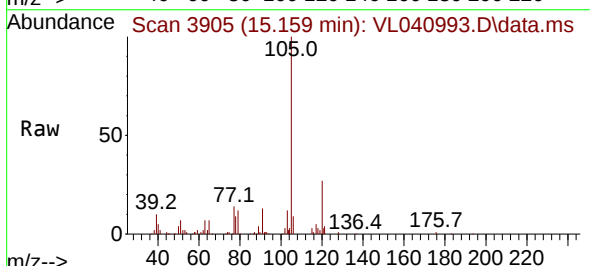
Tgt Ion: 91 Resp: 146090
Ion Ratio Lower Upper
91 100
126 30.4 12.3 49.1

Manual Integrations
APPROVED

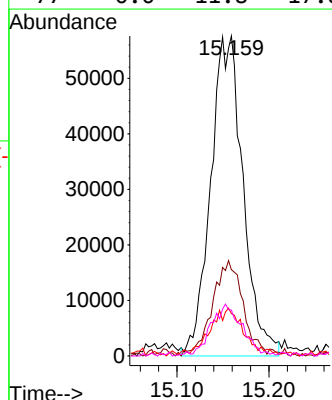
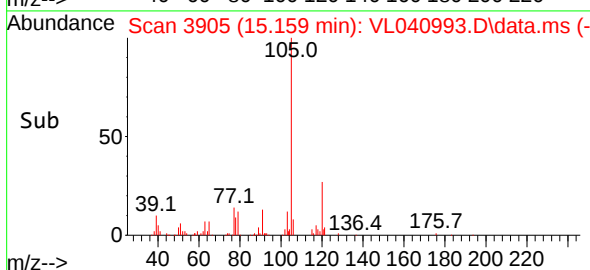
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

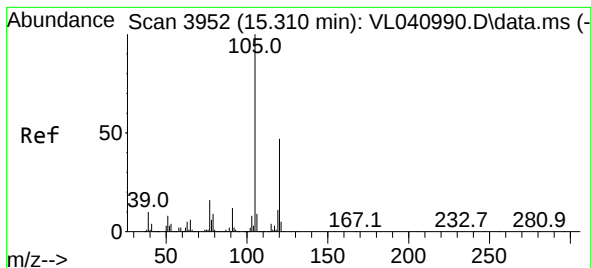


#72
4-Ethyltoluene
Concen: 0.517 ppbv m
RT: 15.159 min Scan# 3905
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38



Tgt Ion:105 Resp: 140894
Ion Ratio Lower Upper
105 100
120 0.0 24.3 36.5#
91 0.0 11.0 16.4#
77 0.0 11.8 17.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.549 ppbv m

RT: 15.317 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 12909

Ion Ratio Lower Upper

105 100

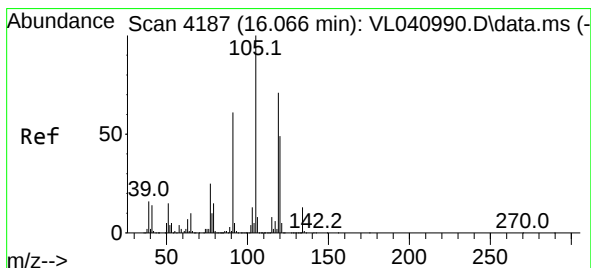
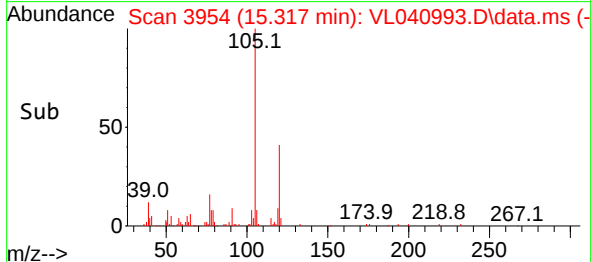
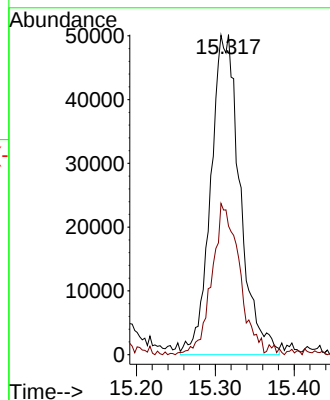
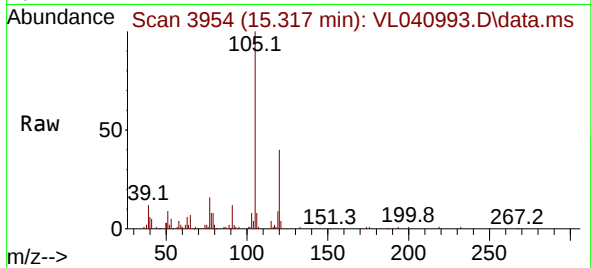
120 40.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.555 ppbv

RT: 16.069 min Scan# 4188

Delta R.T. 0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:105 Resp: 145127

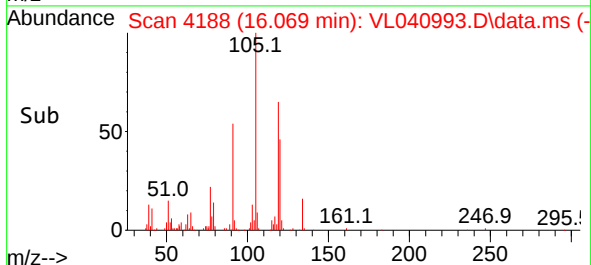
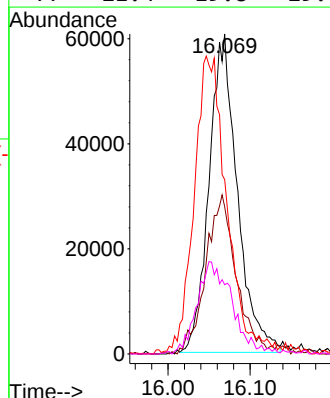
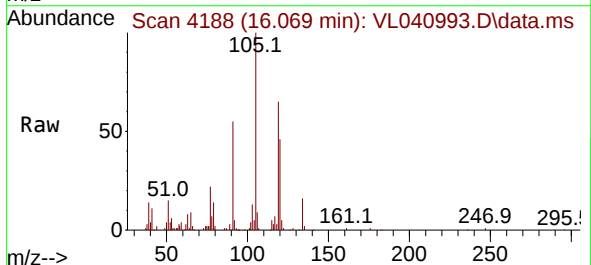
Ion Ratio Lower Upper

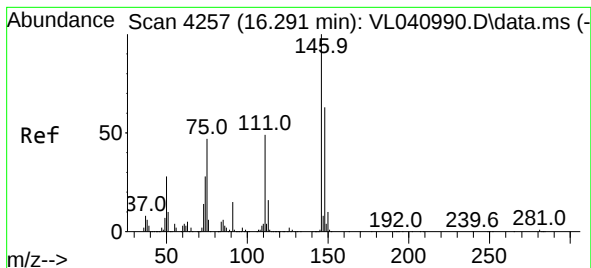
105 100

120 44.3 39.3 58.9

91 52.5 48.7 73.1

77 21.4 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 0.569 ppbv m

RT: 16.288 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

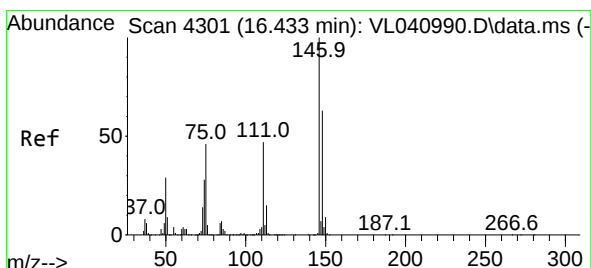
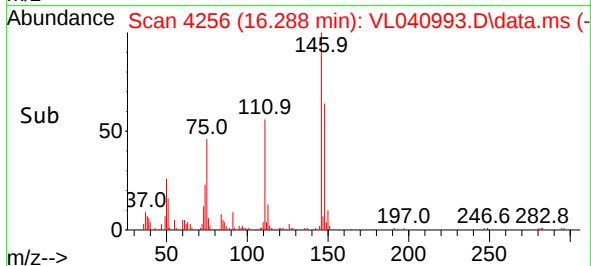
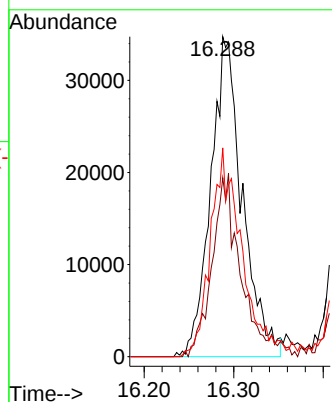
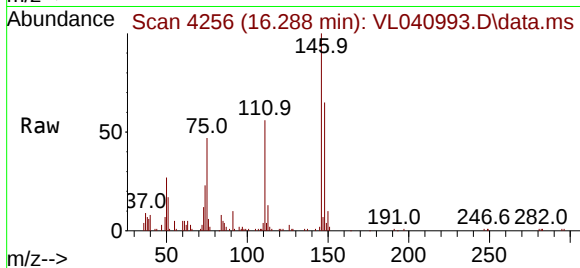
VSTDICC0.5

Tgt Ion:146 Resp: 8501
 Ion Ratio Lower Upper
 146 100
 111 52.2 24.4 73.2
 148 65.8 32.5 97.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#76

1,4-Dichlorobenzene

Concen: 0.621 ppbv m

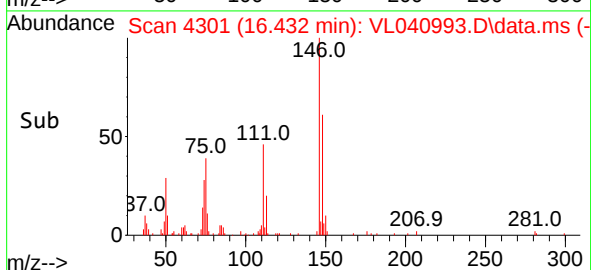
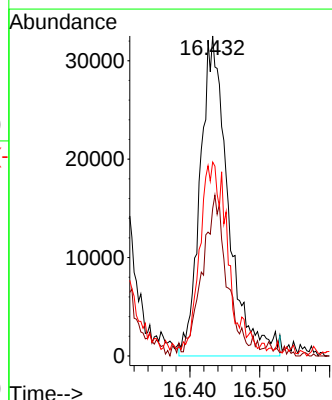
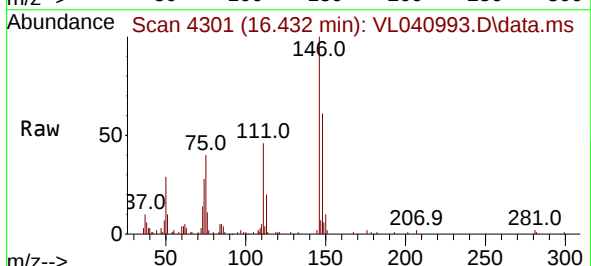
RT: 16.432 min Scan# 4301

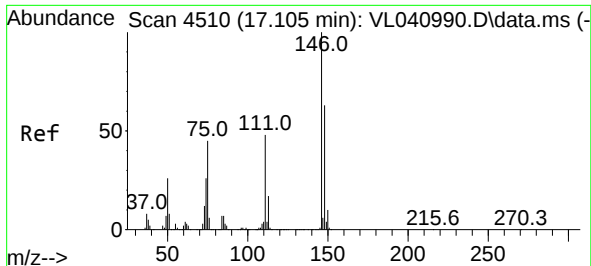
Delta R.T. -0.000 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:146 Resp: 90708
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.0 72.0#
 148 0.0 32.9 98.7#





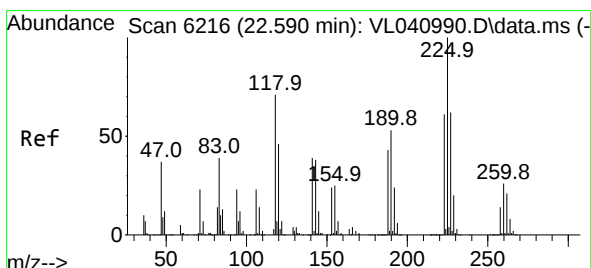
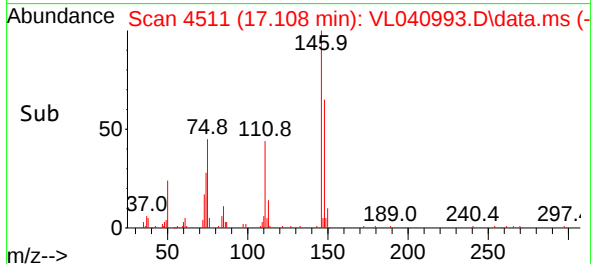
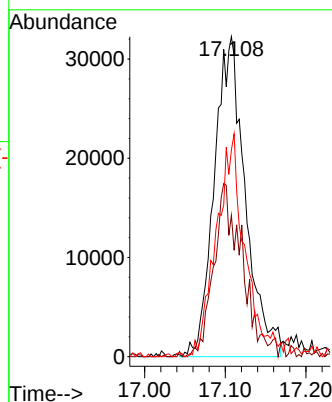
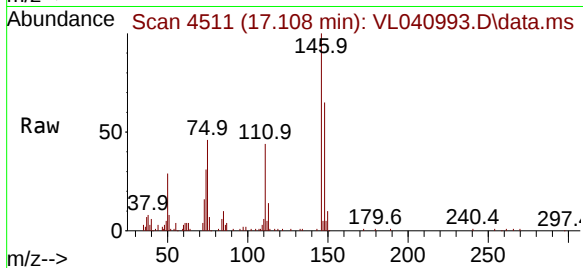
#77
1,2-Dichlorobenzene
Concen: 0.600 ppbv m
RT: 17.108 min Scan# 4511
Delta R.T. 0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 86292
Ion Ratio Lower Upper
146 100
111 50.8 24.8 74.3
148 0.0 31.8 95.3

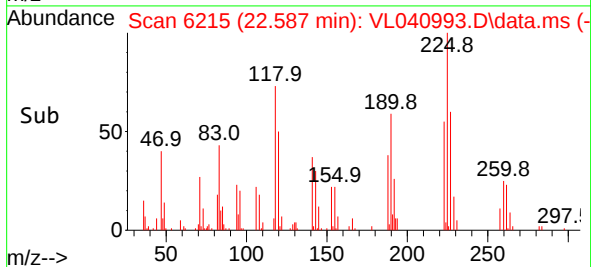
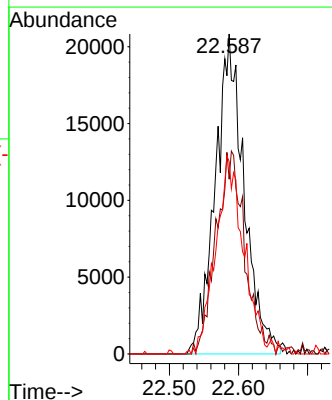
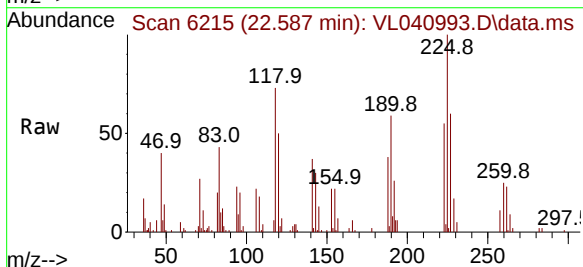
Manual Integrations
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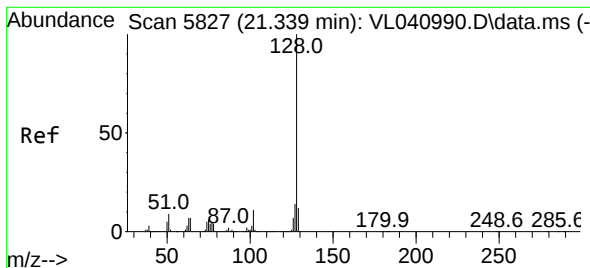
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.678 ppbv m
RT: 22.587 min Scan# 6215
Delta R.T. -0.003 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Tgt Ion:225 Resp: 60046
Ion Ratio Lower Upper
225 100
223 0.0 51.1 76.7#
227 0.0 51.0 76.4#





#79

Naphthalene

Concen: 0.524 ppbv m

RT: 21.355 min Scan# 5832

Delta R.T. 0.016 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

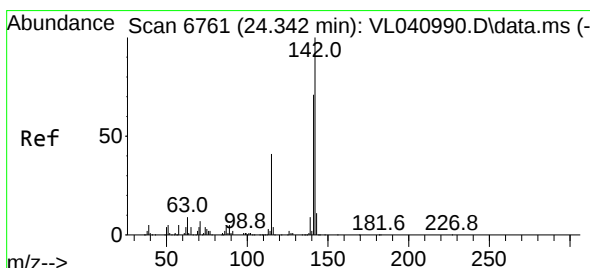
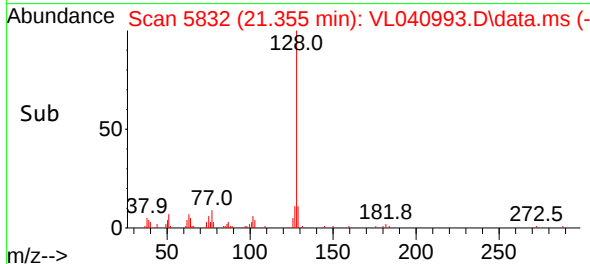
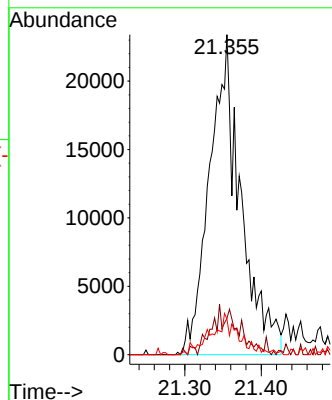
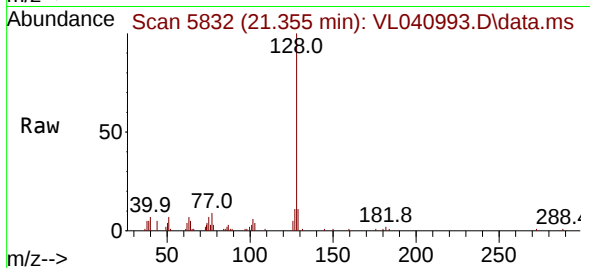
VSTDIC0.5

Tgt Ion:	128	Resp:	6607
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.9	16.3
129	11.1	9.3	13.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#80

Naphthalene,2-methyl-

Concen: 0.320 ppbv m

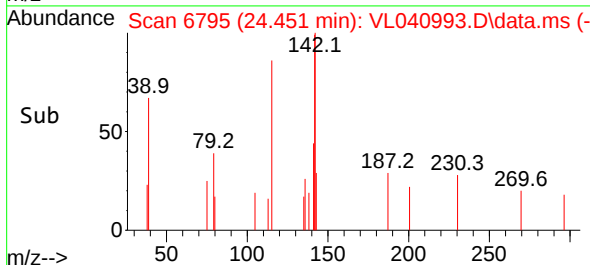
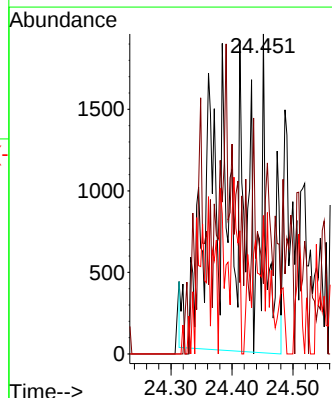
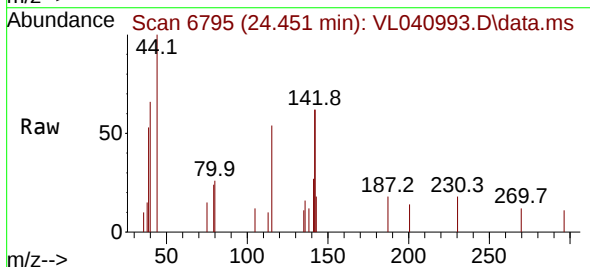
RT: 24.451 min Scan# 6795

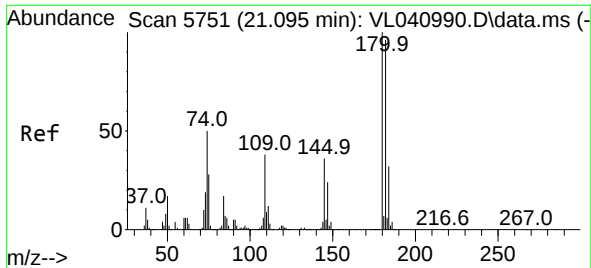
Delta R.T. 0.109 min

Lab File: VL040993.D

Acq: 23 Jan 2024 11:38

Tgt Ion:	142	Resp:	7363
Ion Ratio	Lower	Upper	
142	100		
141	17.9	62.7	94.1#
115	0.0	34.0	51.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.604 ppbv m
RT: 21.101 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL040993.D
Acq: 23 Jan 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 43680
Ion Ratio Lower Upper
180 100
182 0.0 78.6 118.0
184 0.0 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

