

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040628.D
 Acq On : 15 Aug 2023 9:37
 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 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 04:45:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023

QLast Update : Wed Aug 16 04:44:10 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1058327	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2951698	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2597211	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2014034	9.751	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	124678	0.547	ppbv	95
3) Chlorodifluoromethane	2.668	51	96866	0.557	ppbv	96
4) Chloromethane	2.806	50	39607	0.584	ppbv	100
5) Vinyl Chloride	2.912	62	37416	0.520	ppbv #	78
6) Bromomethane	3.112	94	20901m	0.551	ppbv	
7) Chloroethane	3.192	64	14189	0.540	ppbv #	79
8) Dichlorotetrafluoroethane	2.848	85	98092	0.532	ppbv	97
9) Propene	2.687	41	30445	0.565	ppbv	95
10) Heptane	7.590	43	61118	0.493	ppbv	96
11) Trichlorofluoromethane	3.555	101	94615	0.514	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.060	101	71513m	0.529	ppbv	
13) Ethanol	3.256	45	7427m	0.575	ppbv	
14) Bromoethene	3.366	108	27830	0.502	ppbv	91
15) Acetone	3.478	43	74503	0.576	ppbv	96
16) 1,3-Butadiene	2.983	39	33936	0.527	ppbv	99
17) tert-Butyl alcohol	3.890	59	66608	0.485	ppbv	98
18) 1,1-Dichloroethene	3.880	96	32605	0.527	ppbv	95
19) Isopropyl Alcohol	3.594	45	38612	0.470	ppbv #	89
20) Methylene Chloride	3.931	84	39923	0.631	ppbv	92
21) Allyl Chloride	3.996	41	46379	0.542	ppbv	92
22) trans-1,2-Dichloroethene	4.446	96	31861	0.524	ppbv #	87
23) Vinyl Acetate	4.636	43	71941	0.509	ppbv #	90
24) 1,1-Dichloroethane	4.562	63	61795	0.490	ppbv #	96
25) Ethyl Acetate	5.214	43	130123	0.535	ppbv	99
26) Hexane	5.214	57	69815	0.594	ppbv	92
27) Carbon Disulfide	4.121	76	62336	0.445	ppbv #	88
28) Methyl tert-Butyl Ether	4.597	73	48121	0.529	ppbv #	90
29) Chloroform	5.272	83	102613	0.551	ppbv	98
30) Cyclohexane	6.610	84	48325m	0.560	ppbv	
31) cis-1,2-Dichloroethene	5.079	61	51853	0.488	ppbv	99
32) 1,1,1-Trichloroethane	6.009	97	91135	0.510	ppbv	97
34) 2-Butanone	4.803	43	74679	0.502	ppbv	95
35) Carbon Tetrachloride	6.497	117	89926	0.486	ppbv	97
36) Benzene	6.375	78	123082	0.524	ppbv #	90
37) 1,2-Dichloroethane	5.809	62	67834	0.479	ppbv #	96
38) Trichloroethene	7.301	130	45045m	0.493	ppbv	
39) 1,2-Dichloropropane	7.073	63	45885	0.514	ppbv	88
40) 1,4-Dioxane	7.324	88	11882m	0.354	ppbv	
41) Tetrahydrofuran	5.581	42	42840m	0.511	ppbv	
42) Bromodichloromethane	7.253	83	91645	0.465	ppbv	90
43) Methyl Methacrylate	7.481	69	38108m	0.434	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	185727	0.489	ppbv	94
45) t-1,3-Dichloropropene	8.719	75	27211m	0.393	ppbv	

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Instrument :
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Manual Integrations
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Quant Time: Aug 16 04:45:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

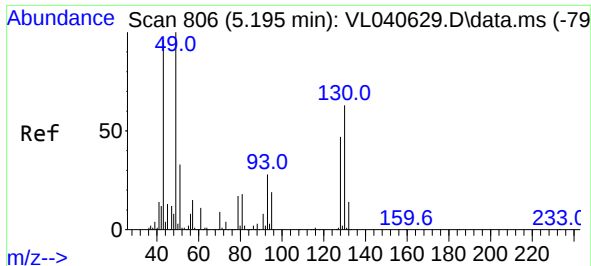
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023

QLast Update : Wed Aug 16 04:44:10 2023

Response via : Initial Calibration

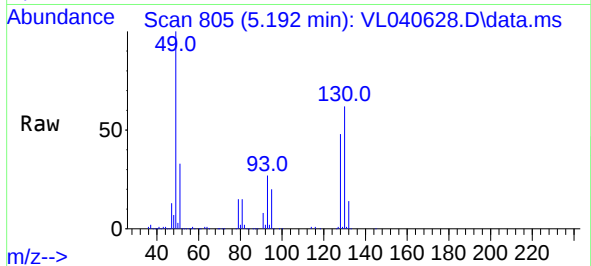
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	35214	0.412	ppbv #	84
47) 1,1,2-Trichloroethane	8.909	97	51529m	0.510	ppbv	
48) Dibromochloromethane	9.716	129	68303m	0.432	ppbv	
49) Bromoform	12.413	173	55941m	0.443	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	99572m	0.457	ppbv	
51) 2-Hexanone	9.587	43	63277m	0.414	ppbv	
52) Tetrachloroethene	10.629	164	39988m	0.544	ppbv	
53) Toluene	9.230	91	109784	0.440	ppbv	100
54) 1,2-Dibromoethane	10.021	107	66456m	0.548	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.520	131	64824m	0.539	ppbv	
57) Chlorobenzene	11.532	112	108805	0.543	ppbv	97
58) Ethyl Benzene	12.102	91	135635	0.433	ppbv	94
59) m/p-Xylene	12.381	91	271821m	0.952	ppbv	
60) o-Xylene	13.069	91	123084	0.455	ppbv	100
61) Styrene	12.915	104	42045m	0.354	ppbv	
62) Isopropylbenzene	14.044	105	206533m	0.504	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	107867	0.526	ppbv	95
64) n-propylbenzene	14.931	120	50364m	0.486	ppbv	
65) tert-Butylbenzene	16.098	119	166710	0.469	ppbv	94
66) Benzyl Chloride	16.343	91	18746m	0.423	ppbv	
67) sec-Butylbenzene	16.645	105	251323	0.485	ppbv	100
69) p-Isopropyltoluene	17.005	119	186245	0.459	ppbv	97
70) n-Butylbenzene	17.902	91	194799	0.440	ppbv	98
71) 2-Chlorotoluene	14.815	91	137680	0.453	ppbv	99
72) 4-Ethyltoluene	15.204	105	133092	0.435	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.365	105	129066m	0.473	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	157180	0.493	ppbv	94
75) 1,3-Dichlorobenzene	16.339	146	96709m	0.525	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	98913m	0.537	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	98445m	0.544	ppbv	
78) Hexachloro-1,3-Butadiene	22.651	225	78467m	0.570	ppbv	
79) Naphthalene	21.403	128	93331m	0.437	ppbv	
80) Naphthalene,2-methyl-	24.387	142	17120m	0.300	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	64511m	0.465	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

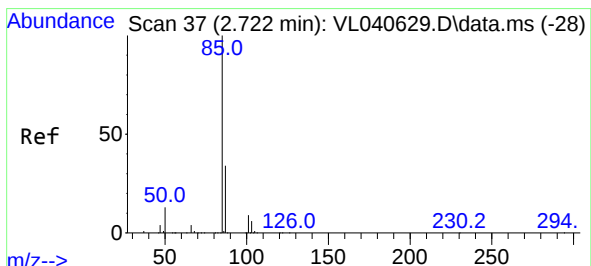
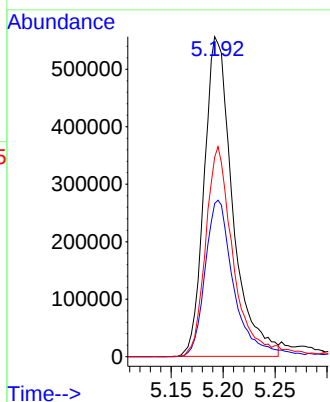
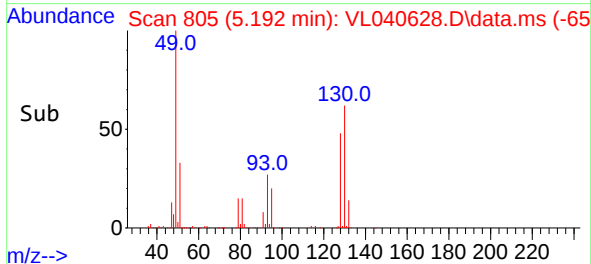
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 105832
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.7
130 66.4 32.2 96.6

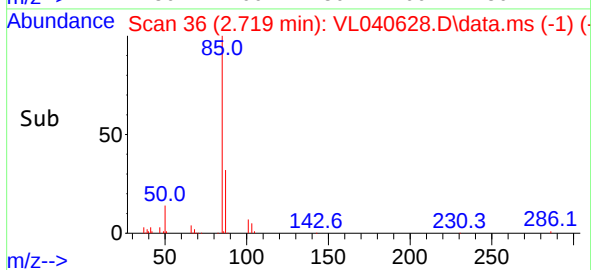
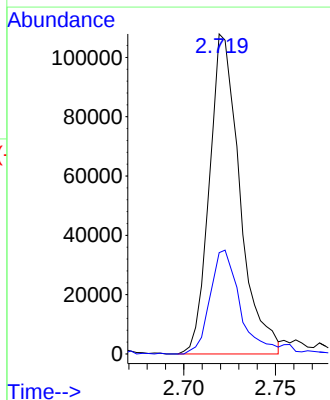
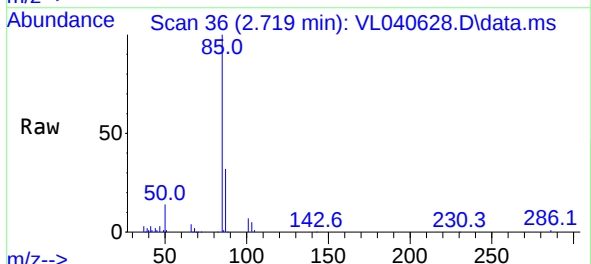
Manual Integrations
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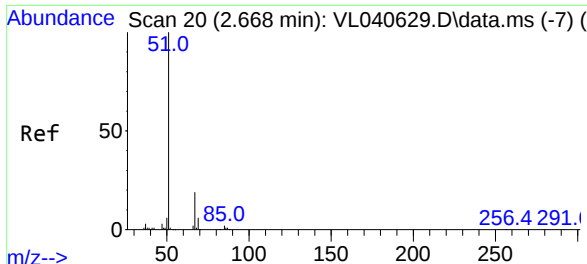
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#2
Dichlorodifluoromethane
Concen: 0.547 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

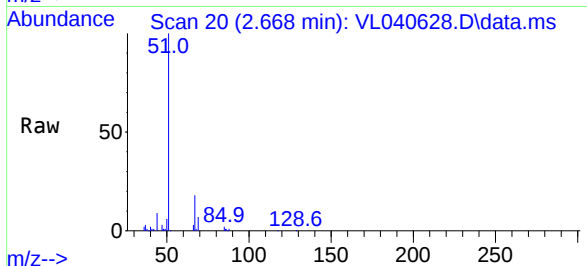
Tgt Ion: 85 Resp: 124678
Ion Ratio Lower Upper
85 100
87 31.6 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.557 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

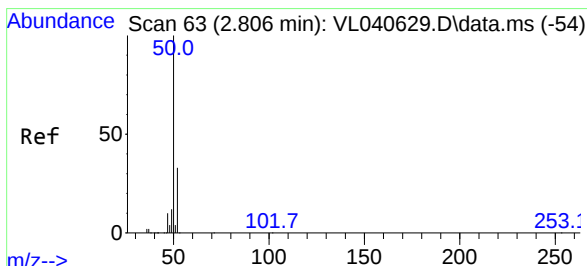
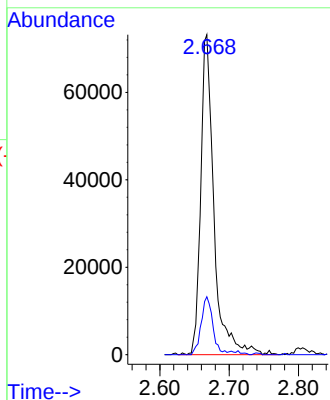
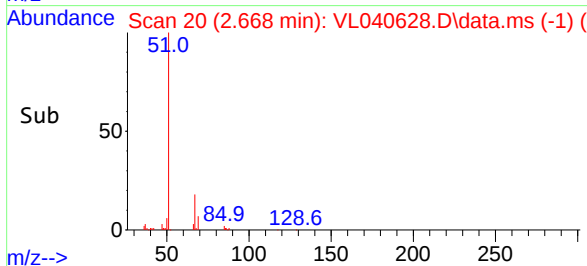
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 96860
Ion Ratio Lower Upper
51 100
67 17.1 15.0 22.6

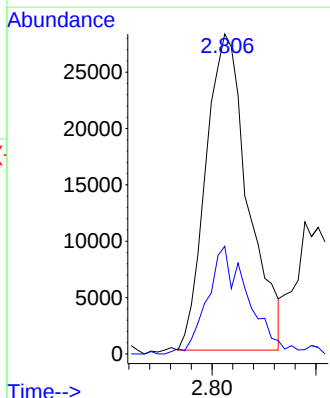
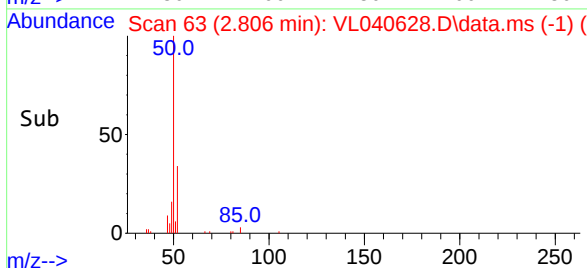
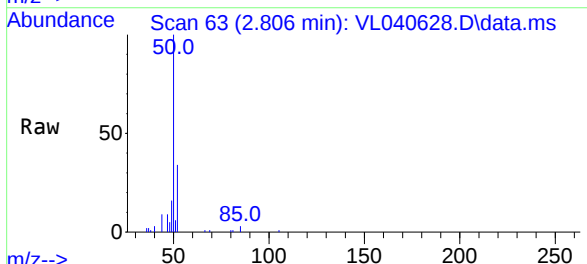
Manual Integrations
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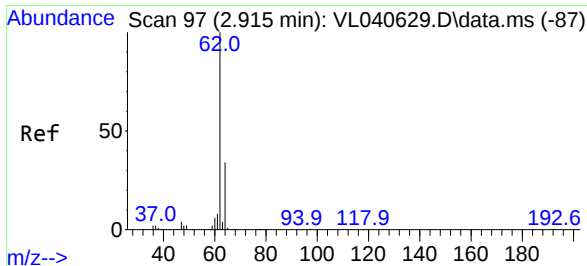
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#4
Chloromethane
Concen: 0.584 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

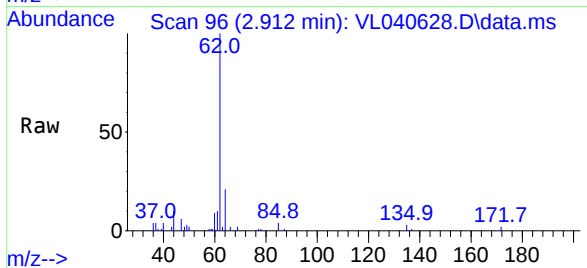
Tgt Ion: 50 Resp: 39607
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2





#5
 Vinyl Chloride
 Concen: 0.520 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

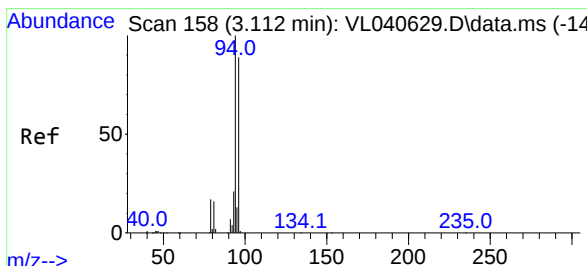
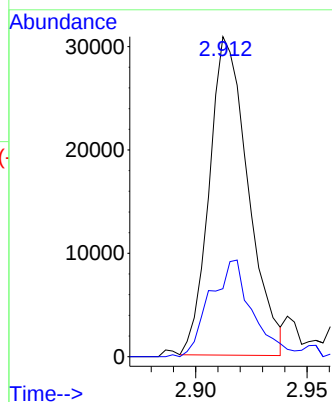
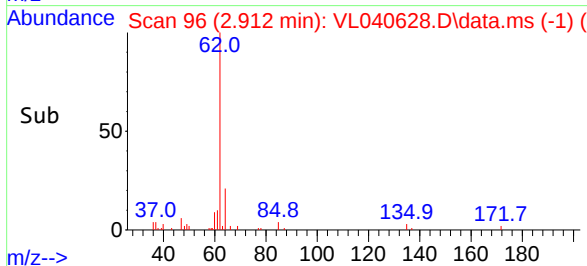
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 37410
 Ion Ratio Lower Upper
 62 100
 64 21.4 27.0 40.6

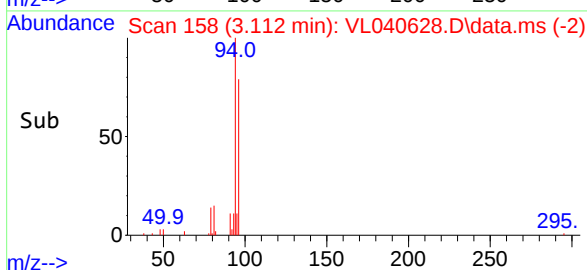
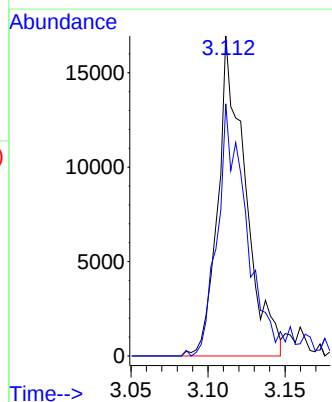
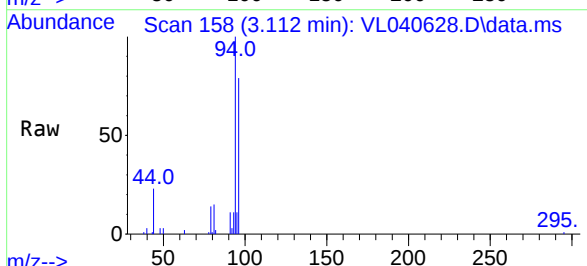
Manual Integrations
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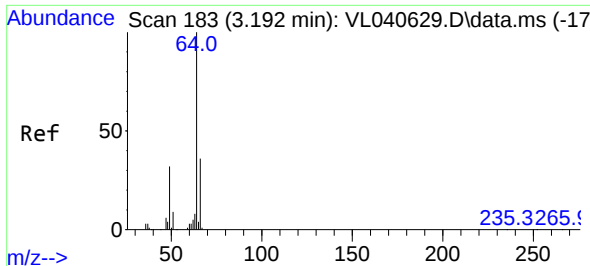
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#6
 Bromomethane
 Concen: 0.551 ppbv m
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

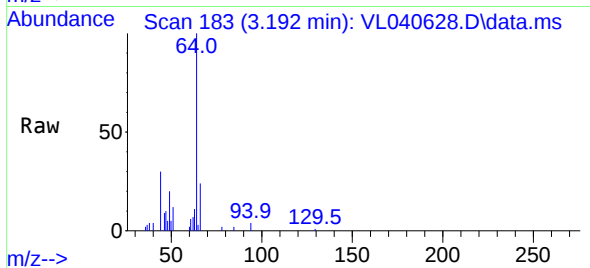
Tgt Ion: 94 Resp: 20901
 Ion Ratio Lower Upper
 94 100
 96 78.8 71.5 107.3





#7
Chloroethane
Concen: 0.540 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

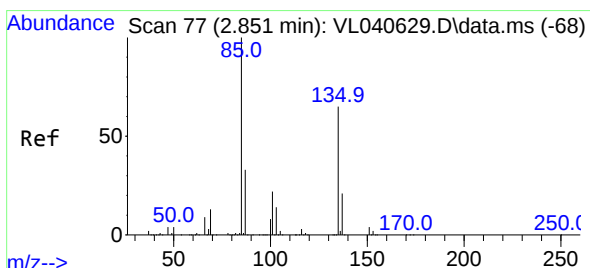
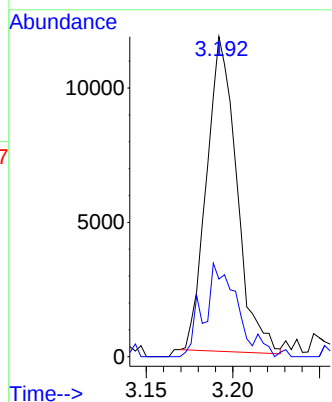
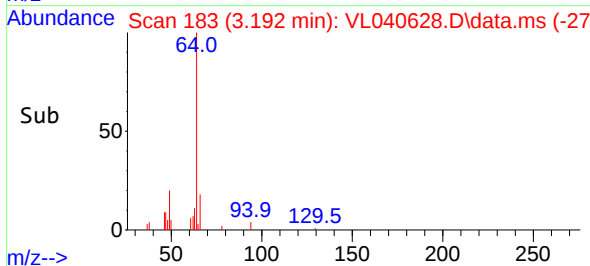
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



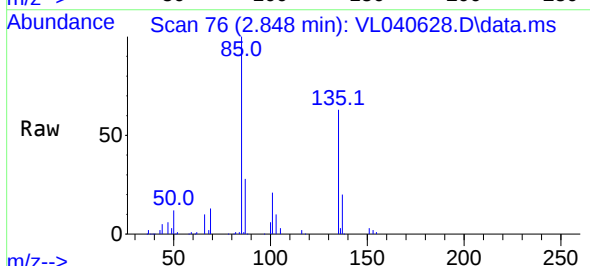
Tgt Ion: 64 Resp: 14189
Ion Ratio Lower Upper
64 100
66 23.5 28.7 43.1

Manual Integrations
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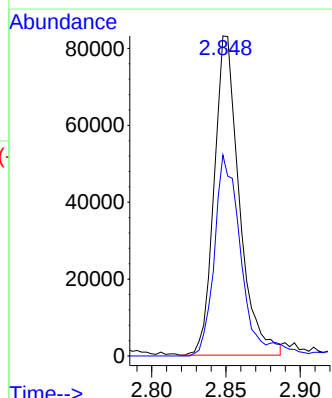
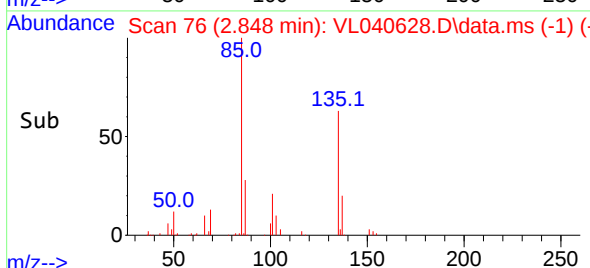
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



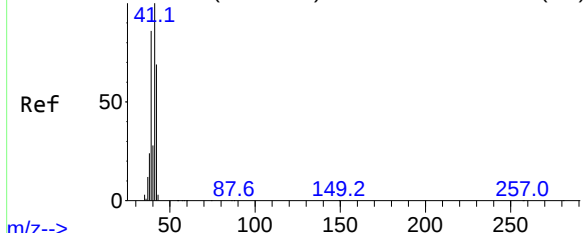
#8
Dichlorotetrafluoroethane
Concen: 0.532 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 85 Resp: 98092
Ion Ratio Lower Upper
85 100
135 68.5 52.8 79.2



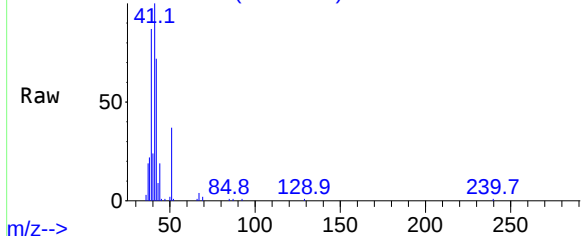
Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9
Propene
Concen: 0.565 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Abundance Scan 26 (2.687 min): VL040628.D\data.ms

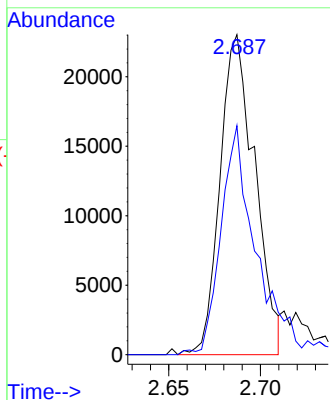
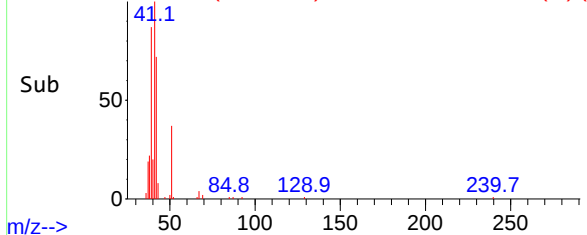


Tgt Ion: 41 Resp: 3044
Ion Ratio Lower Upper
41 100
42 75.0 56.5 84.7

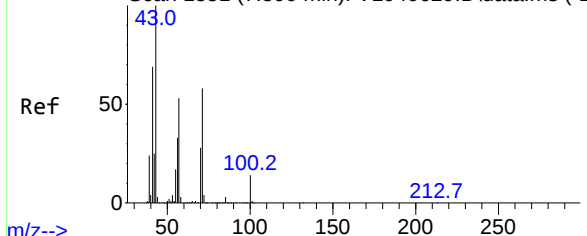
Manual Integrations
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Abundance Scan 26 (2.687 min): VL040628.D\data.ms (-1)



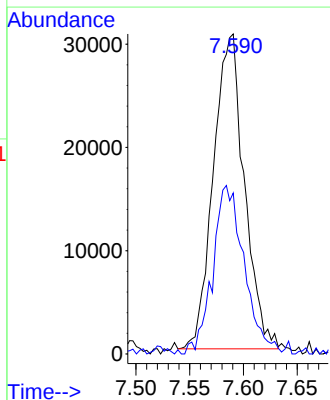
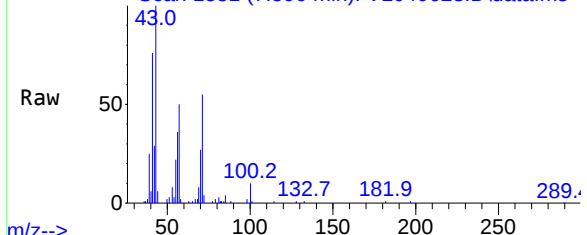
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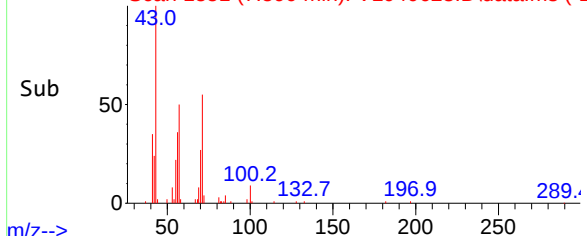
#10
Heptane
Concen: 0.493 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

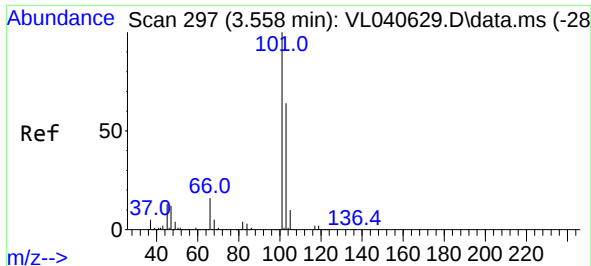
Tgt Ion: 43 Resp: 61118
Ion Ratio Lower Upper
43 100
57 55.8 42.5 63.7

Abundance Scan 1551 (7.590 min): VL040628.D\data.ms



Abundance Scan 1551 (7.590 min): VL040628.D\data.ms (-1)





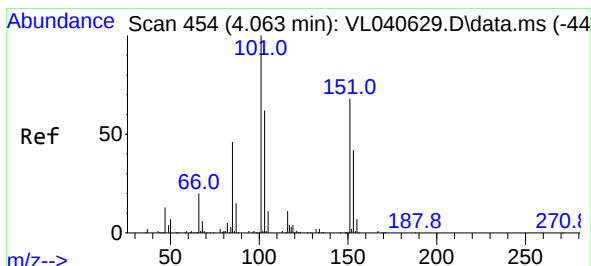
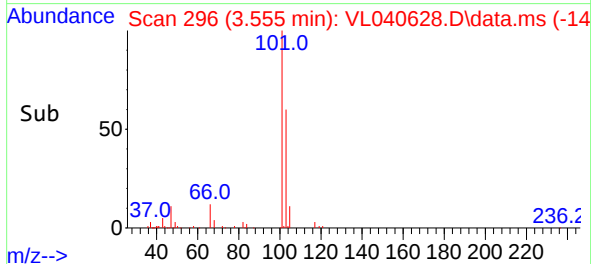
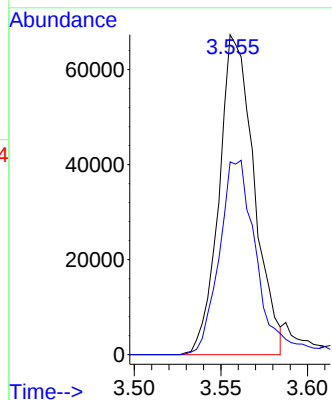
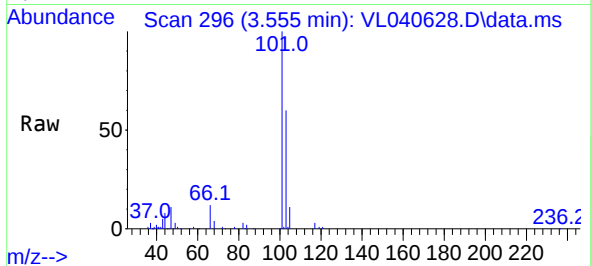
#11
Trichlorofluoromethane
Concen: 0.514 ppbv
RT: 3.555 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 9461
Ion Ratio Lower Upper
101 100
103 60.3 51.1 76.7

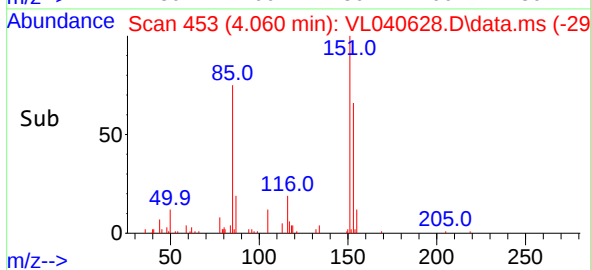
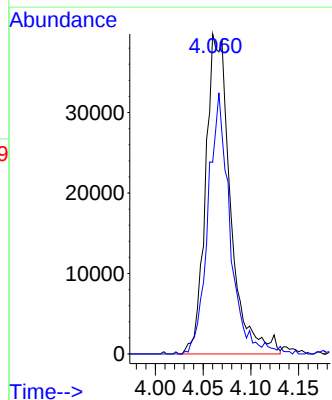
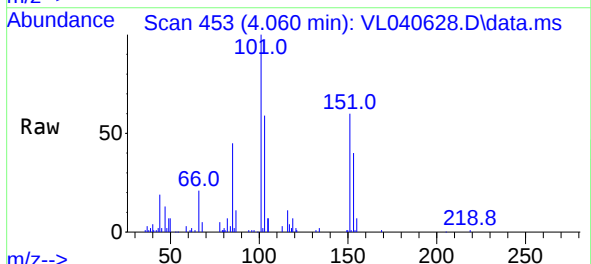
Manual Integrations
APPROVED

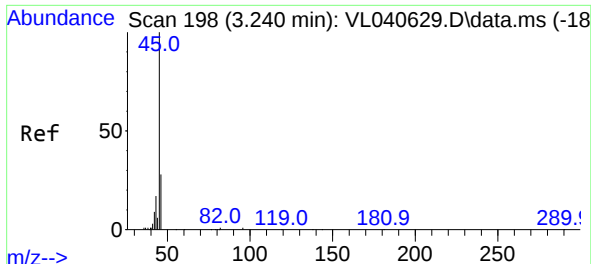
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.529 ppbv m
RT: 4.060 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

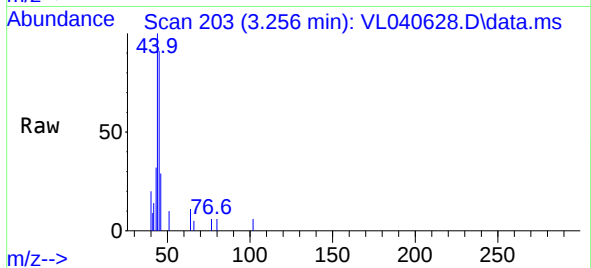
Tgt Ion:101 Resp: 71513
Ion Ratio Lower Upper
101 100
151 0.0 56.2 84.2#





#13
Ethanol
Concen: 0.575 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.016 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

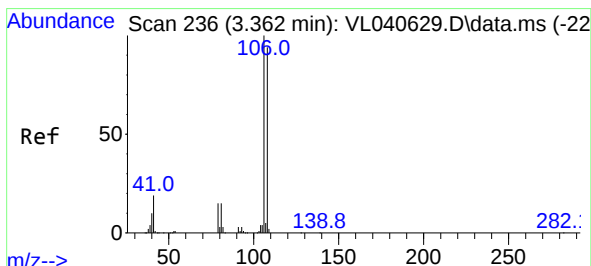
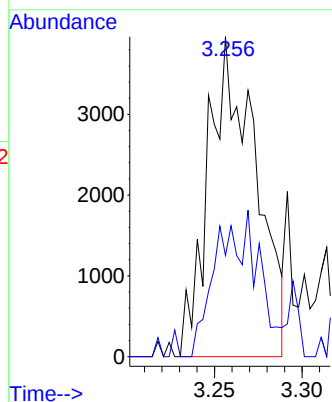
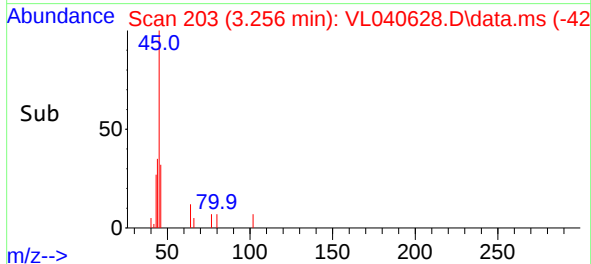
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



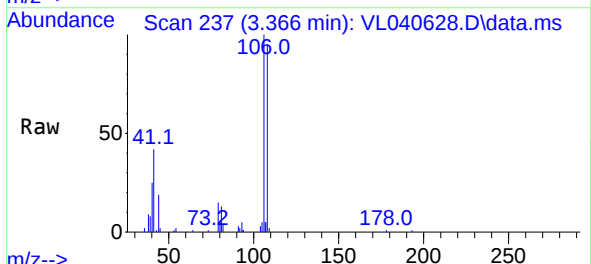
Tgt Ion: 45 Resp: 742
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.6

Manual Integrations
APPROVED

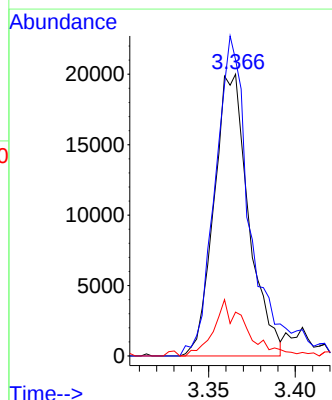
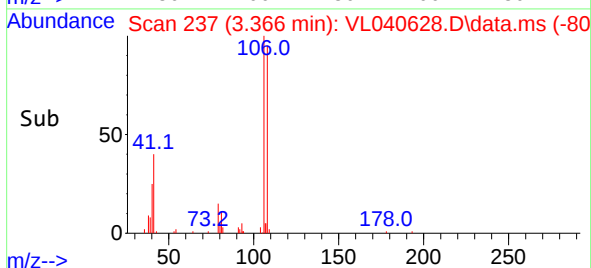
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

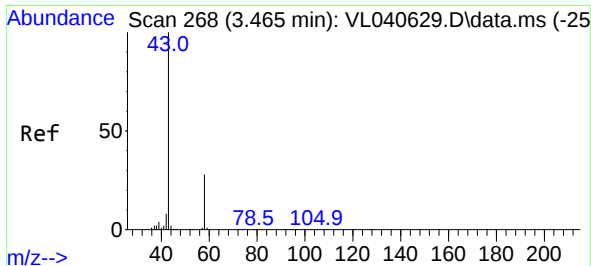


#14
Bromoethene
Concen: 0.502 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



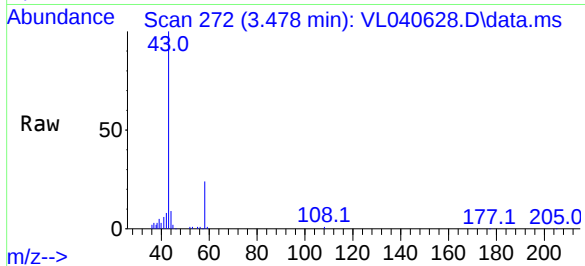
Tgt Ion:108 Resp: 27830
Ion Ratio Lower Upper
108 100
106 119.6 87.3 130.9
79 19.4 14.4 21.6





#15
Acetone
Concen: 0.576 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

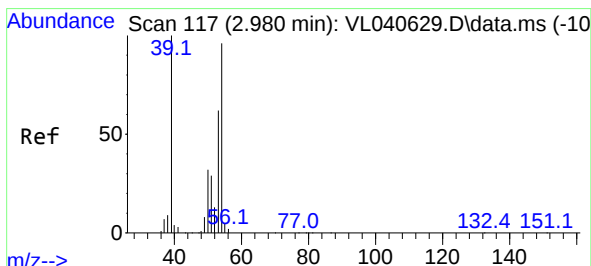
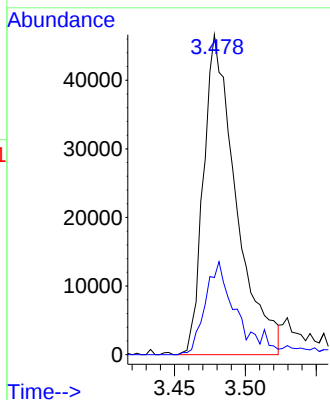
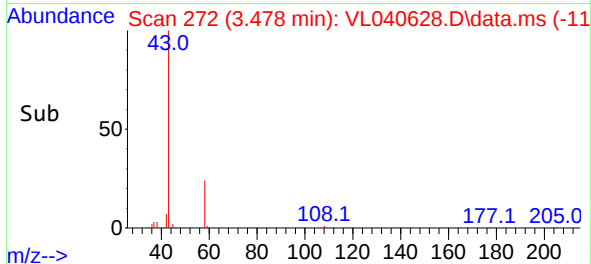
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



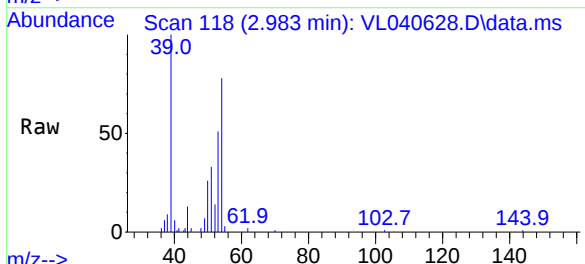
Tgt Ion: 43 Resp: 7450
Ion Ratio Lower Upper
43 100
58 29.9 22.4 33.6

Manual Integrations
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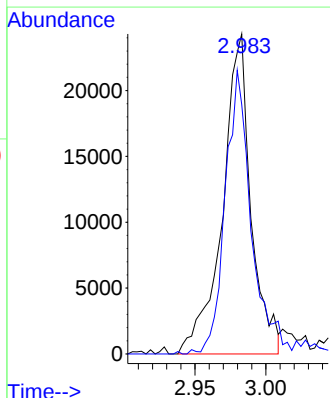
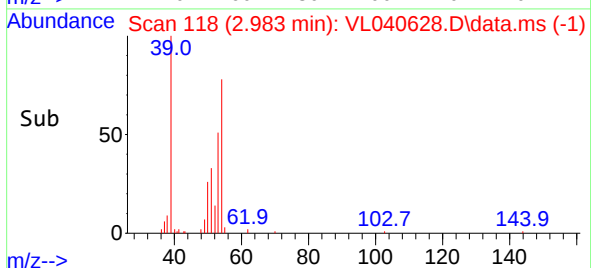
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

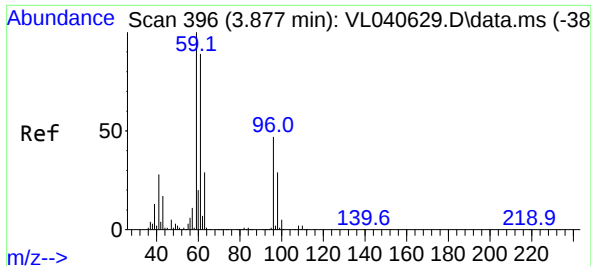


#16
1,3-Butadiene
Concen: 0.527 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 39 Resp: 33936
Ion Ratio Lower Upper
39 100
54 84.0 66.6 99.8





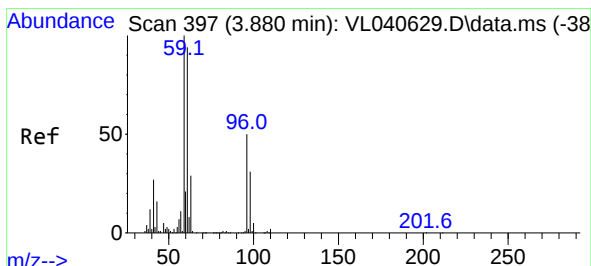
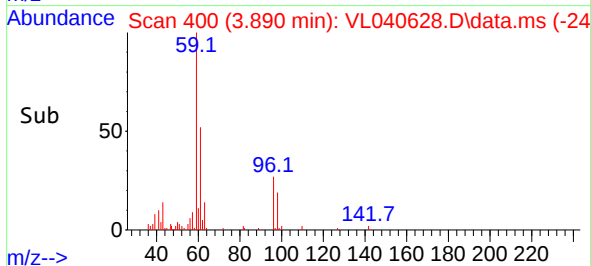
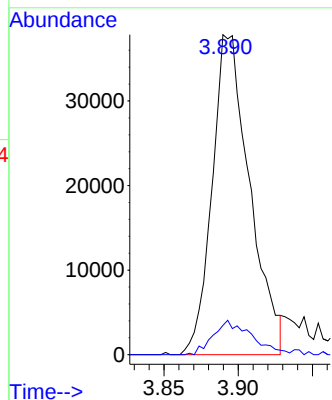
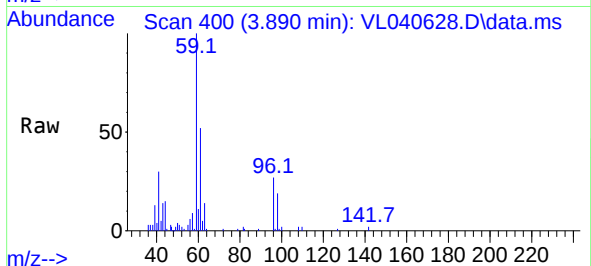
#17
tert-Butyl alcohol
Concen: 0.485 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.013 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 66608
Ion Ratio Lower Upper
59 100
57 11.4 8.4 12.6

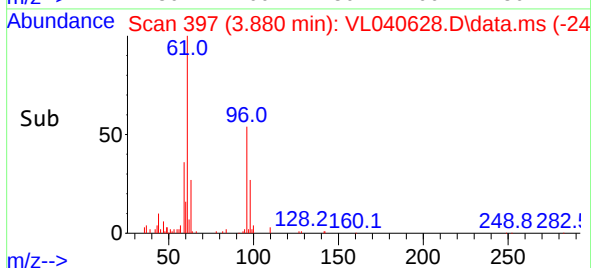
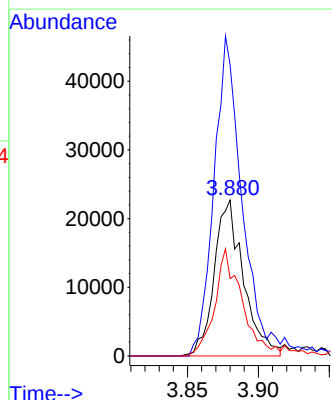
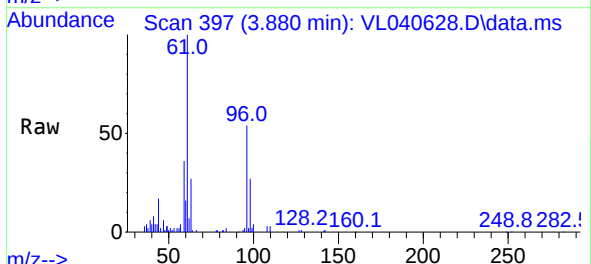
Manual Integrations
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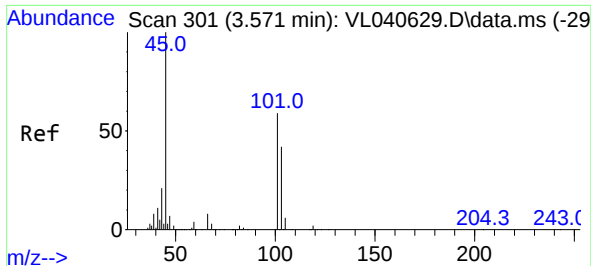
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#18
1,1-Dichloroethene
Concen: 0.527 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

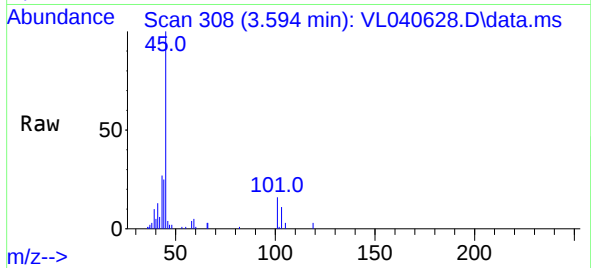
Tgt Ion: 96 Resp: 32605
Ion Ratio Lower Upper
96 100
61 186.5 150.4 225.6
98 49.7 49.7 74.5





#19
Isopropyl Alcohol
Concen: 0.470 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.023 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

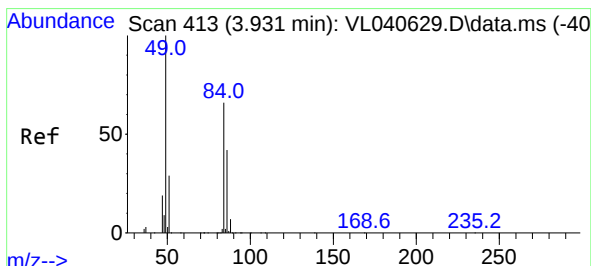
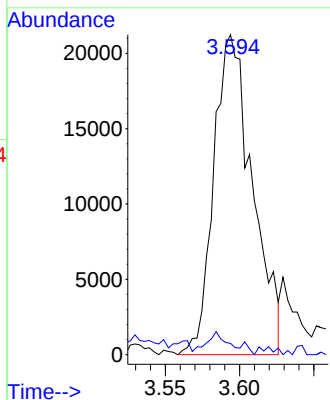
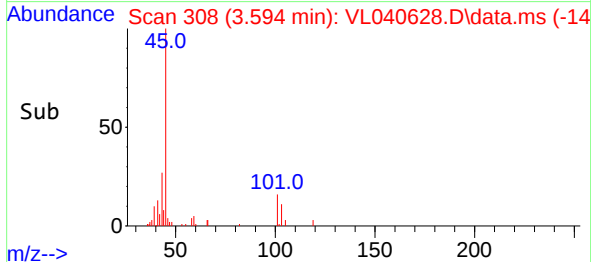
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 38612
Ion Ratio Lower Upper
45 100
58 6.3 1.9 2.9

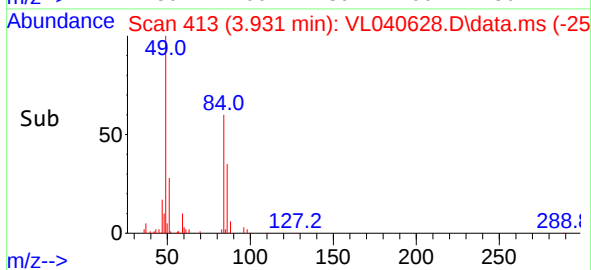
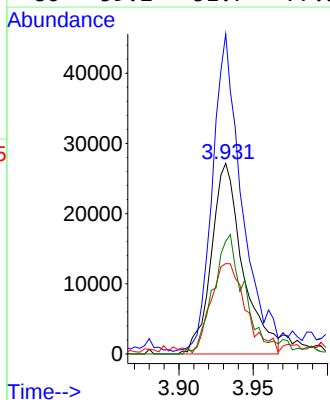
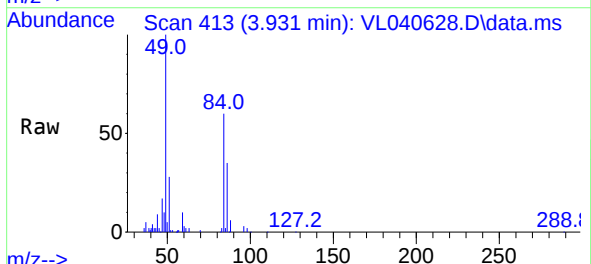
Manual Integrations
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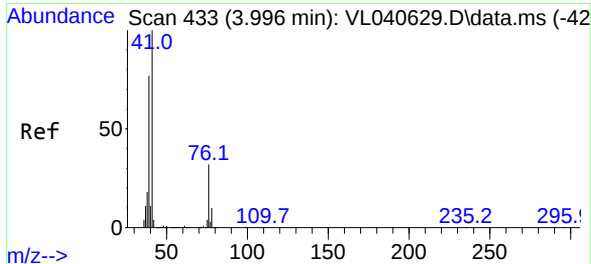
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#20
Methylene Chloride
Concen: 0.631 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Tgt Ion: 84 Resp: 39923
Ion Ratio Lower Upper
84 100
49 165.9 122.1 183.1
51 46.5 35.4 53.2
86 59.2 51.7 77.5





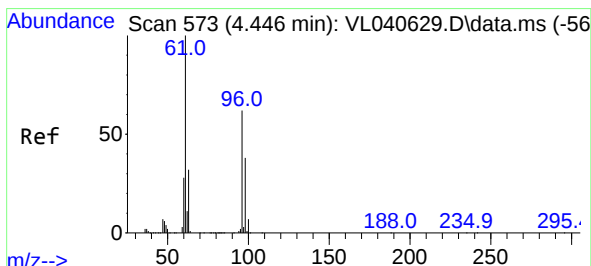
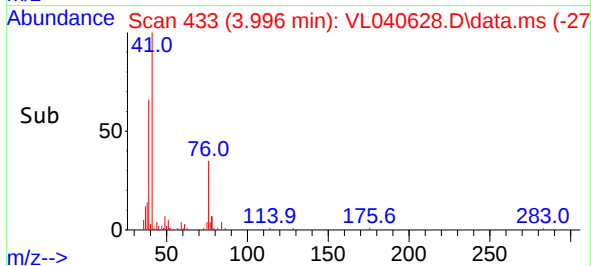
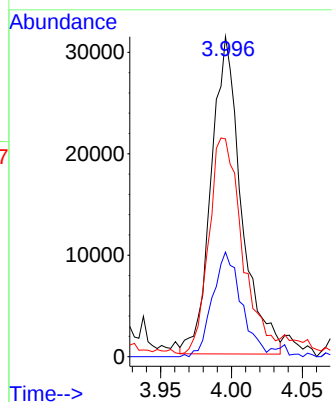
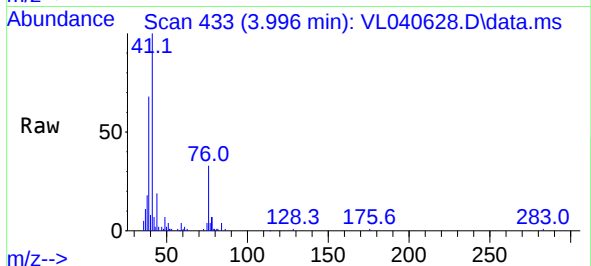
#21
 Allyl Chloride
 Concen: 0.542 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Tgt Ion: 41 Resp: 46379
 Ion Ratio Lower Upper
 41 100
 76 33.6 25.5 38.3
 39 86.2 61.8 92.6

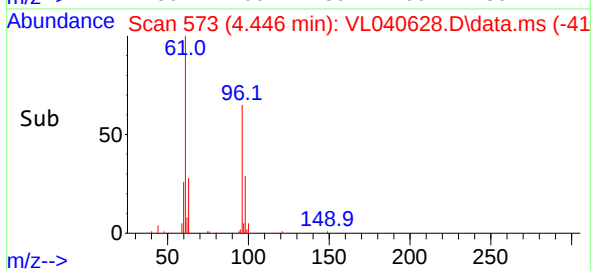
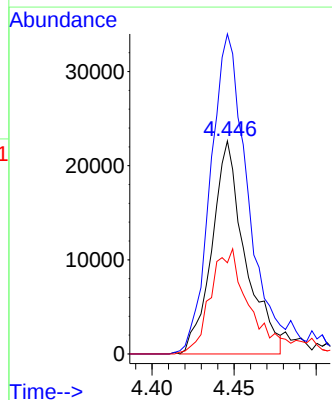
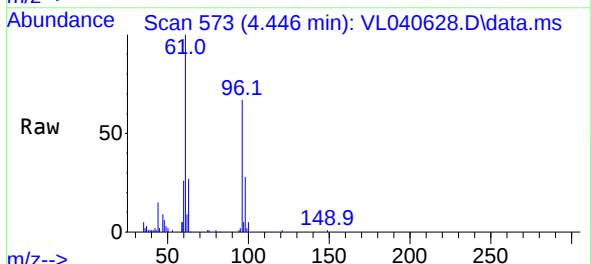
Manual Integrations
 APPROVED

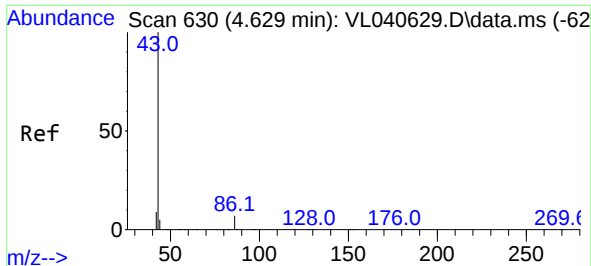
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.524 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

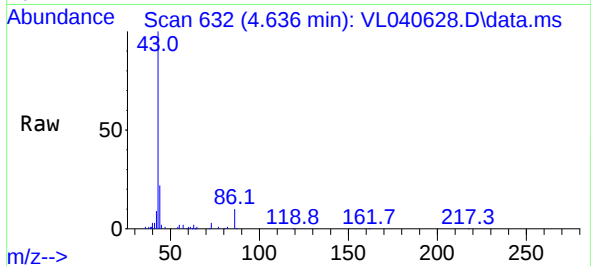
Tgt Ion: 96 Resp: 31861
 Ion Ratio Lower Upper
 96 100
 61 148.8 128.1 192.1
 98 42.0 48.1 72.1#





#23
 Vinyl Acetate
 Concen: 0.509 ppbv
 RT: 4.636 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

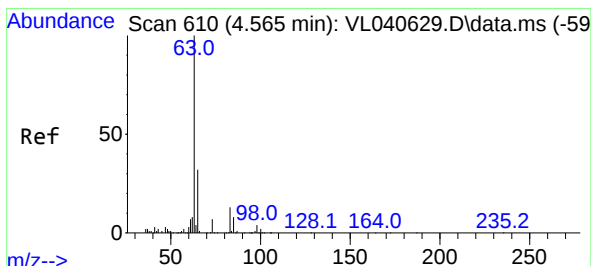
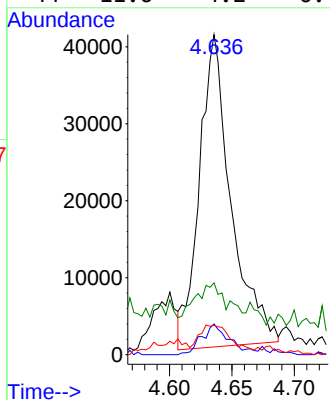
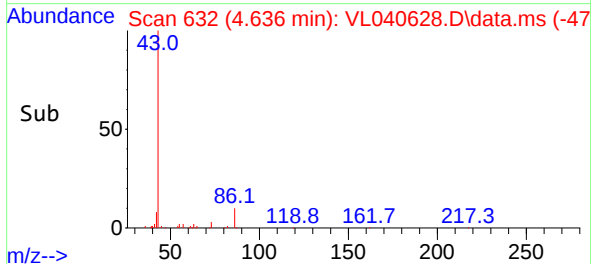
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



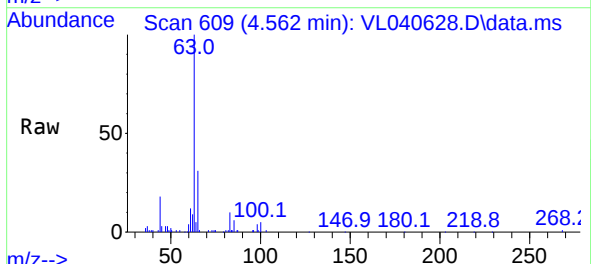
Tgt Ion: 43 Resp: 7194
 Ion Ratio Lower Upper
 43 100
 86 10.2 5.0 7.6
 42 7.9 7.8 11.8
 44 11.6 4.2 6.4#

Manual Integrations
 APPROVED

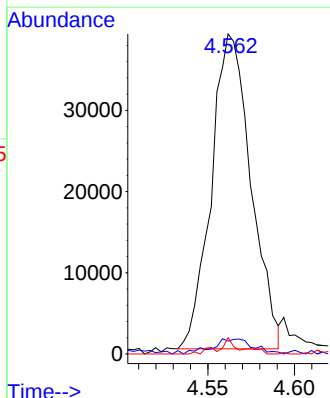
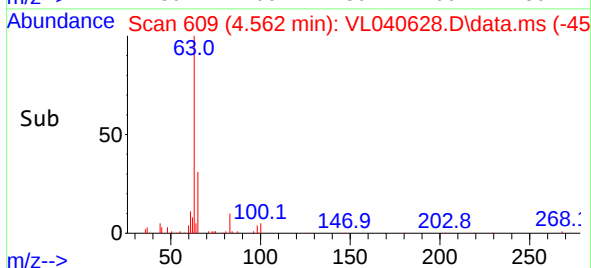
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

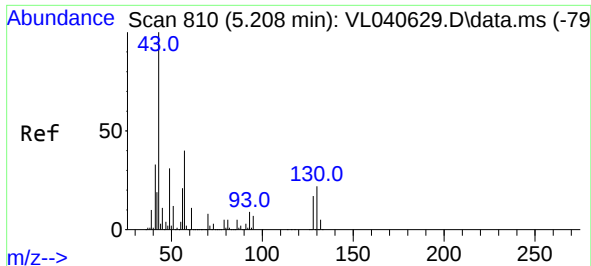


#24
 1,1-Dichloroethane
 Concen: 0.490 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37



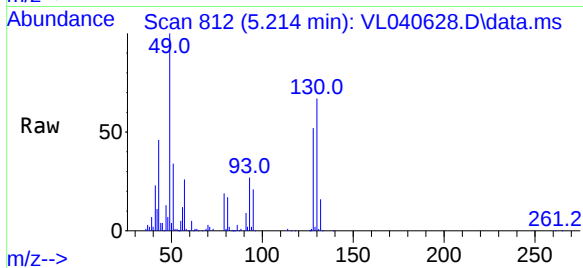
Tgt Ion: 63 Resp: 61795
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 5.2 1.1 3.3#





#25
Ethyl Acetate
Concen: 0.535 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

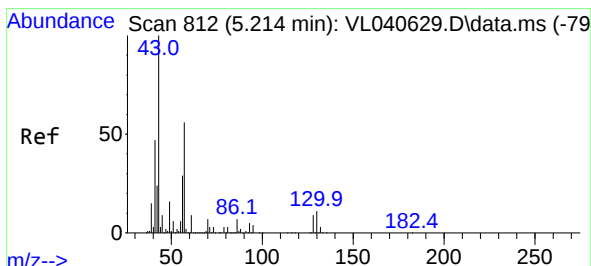
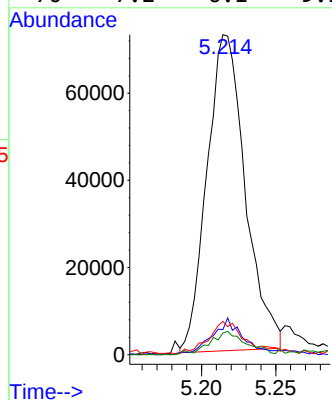
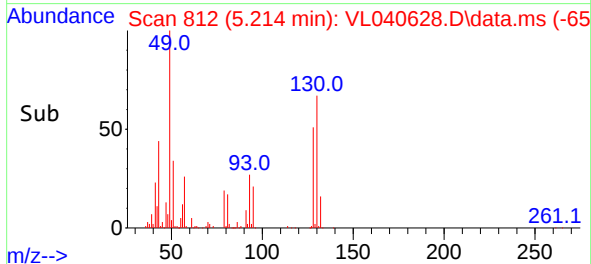
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43	Resp: 13012
Ion Ratio	Lower Upper
43 100	
45 10.3	8.2 12.4
61 11.5	8.3 12.5
70 7.2	6.1 9.1

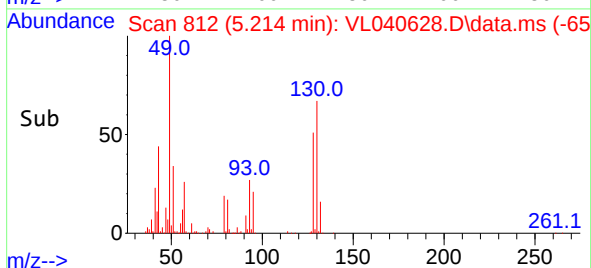
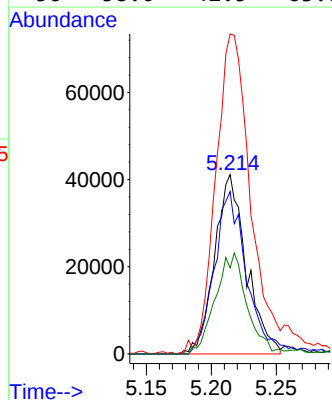
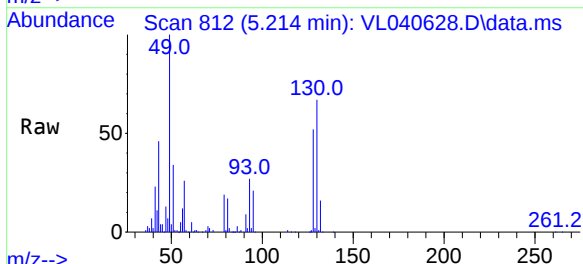
Manual Integrations
APPROVED

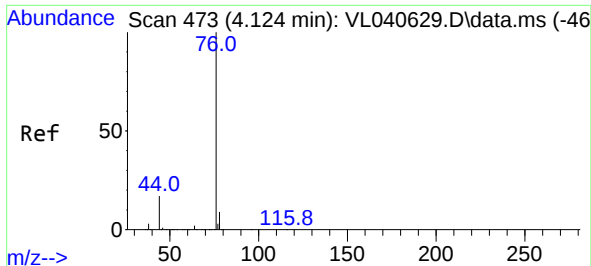
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#26
Hexane
Concen: 0.594 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Tgt Ion: 57	Resp: 69815
Ion Ratio	Lower Upper
57 100	
41 94.9	69.3 103.9
43 208.7	177.9 266.9
56 58.0	42.5 63.7





#27

Carbon Disulfide

Concen: 0.445 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 62330

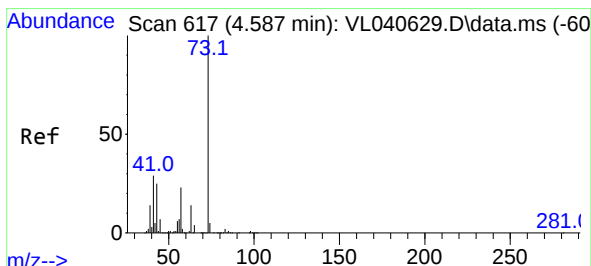
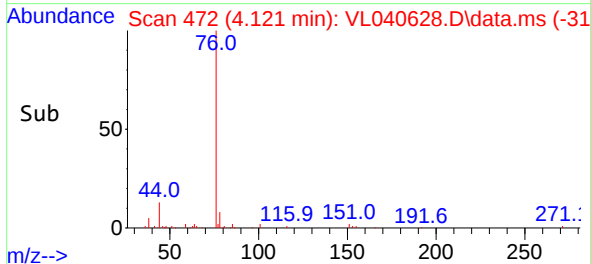
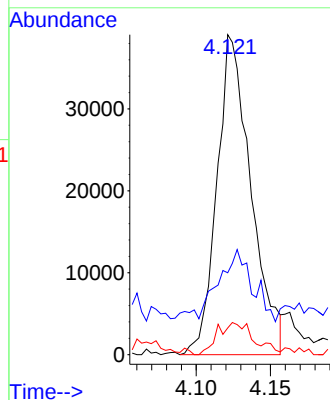
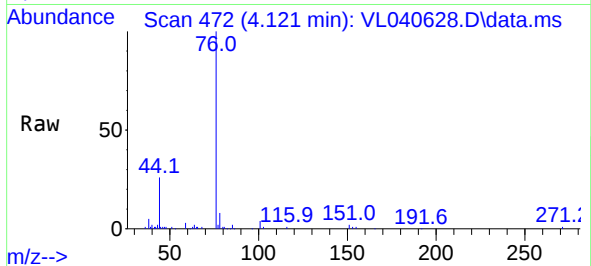
Ion	Ratio	Lower	Upper
76	100		
44	24.2	14.3	21.5
78	12.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#28

Methyl tert-Butyl Ether

Concen: 0.529 ppbv

RT: 4.597 min Scan# 620

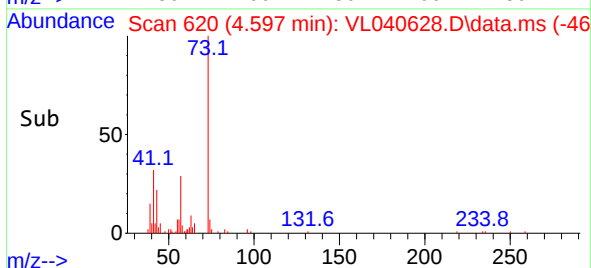
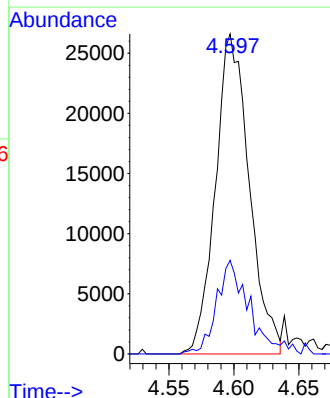
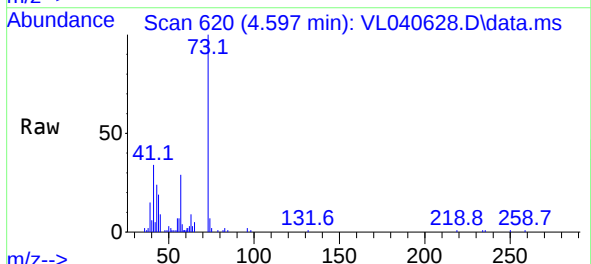
Delta R.T. 0.010 min

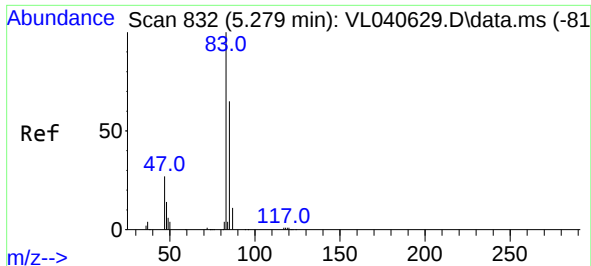
Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Tgt Ion: 73 Resp: 48121

Ion	Ratio	Lower	Upper
73	100		
57	28.7	18.9	28.3





#29

Chloroform

Concen: 0.551 ppbv

RT: 5.272 min Scan# 832

Delta R.T. -0.006 min

Lab File: VL040628.D

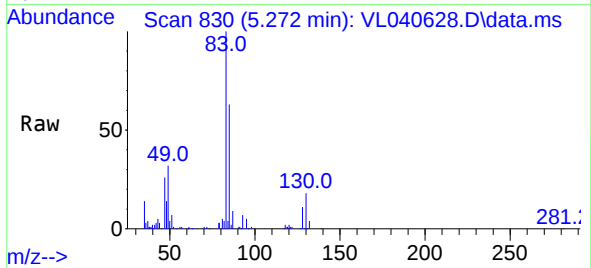
Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 83 Resp: 10261

Ion Ratio Lower Upper

83 100

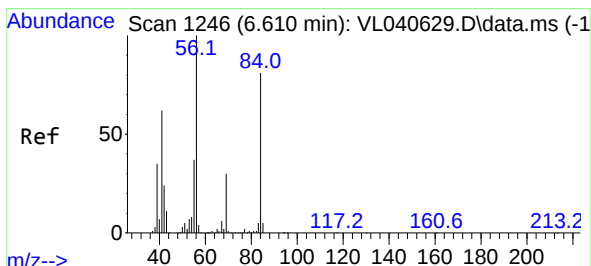
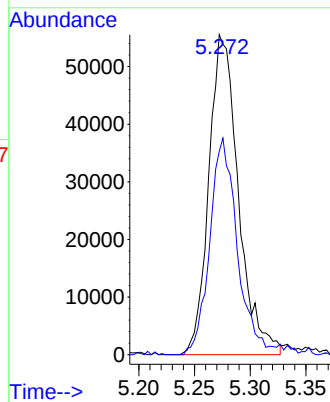
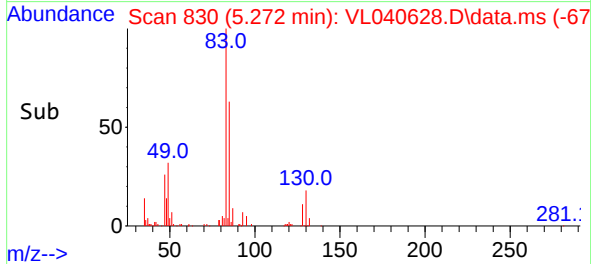
85 63.5 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#30

Cyclohexane

Concen: 0.560 ppbv m

RT: 6.610 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

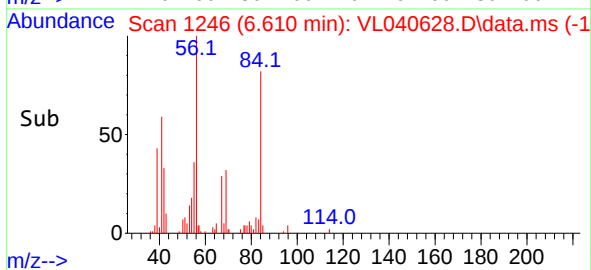
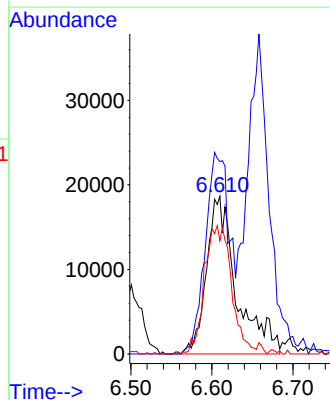
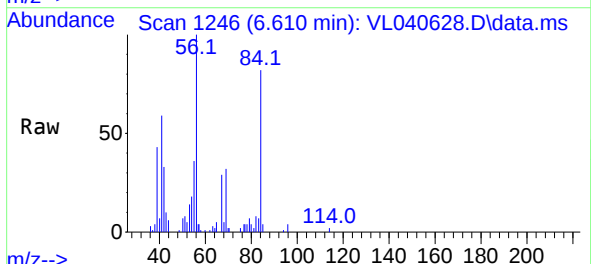
Tgt Ion: 84 Resp: 48325

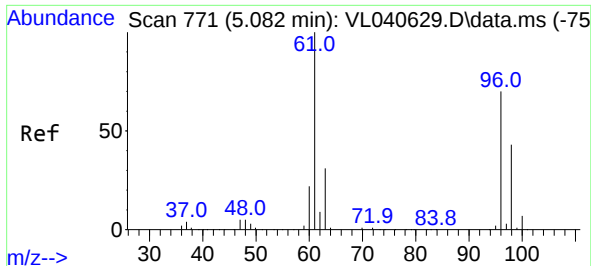
Ion Ratio Lower Upper

84 100

56 112.0 105.4 158.2

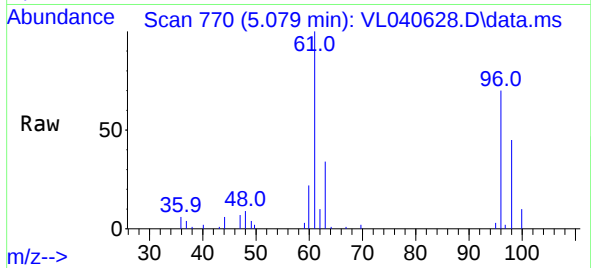
41 74.3 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.488 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37

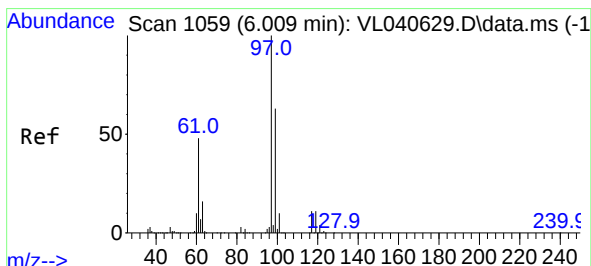
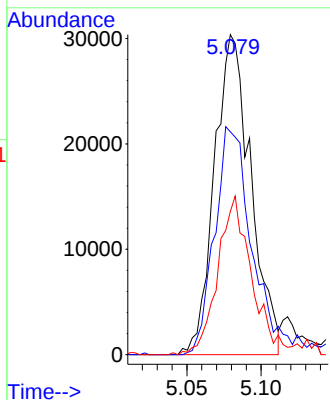
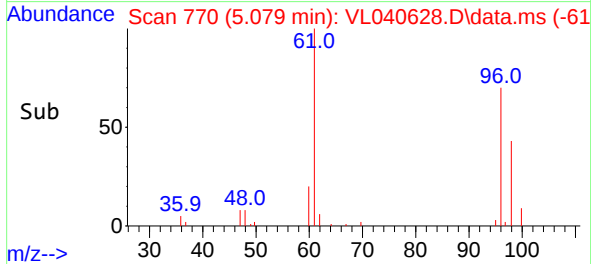
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



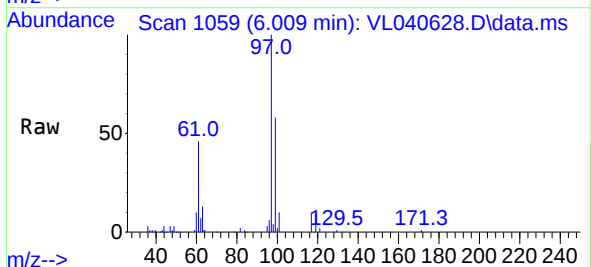
Tgt Ion: 61 Resp: 5185
 Ion Ratio Lower Upper
 61 100
 96 69.6 55.8 83.6
 98 44.8 34.8 52.2

Manual Integrations
 APPROVED

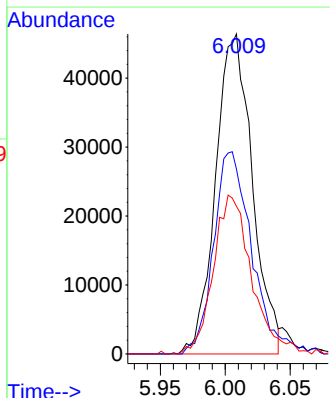
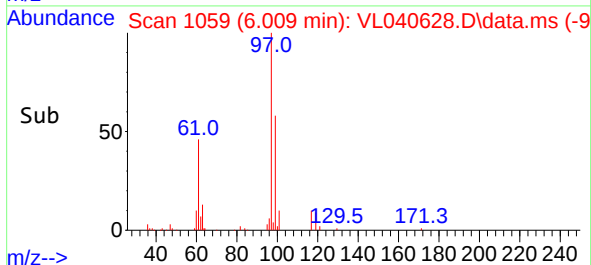
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

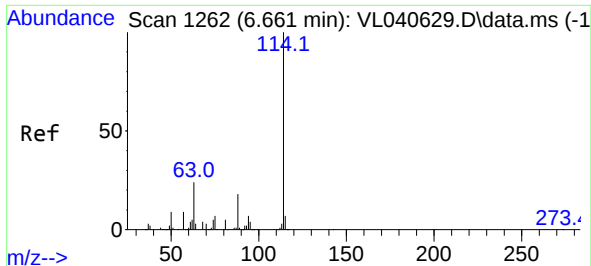


#32
 1,1,1-Trichloroethane
 Concen: 0.510 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL040628.D
 Acq: 15 Aug 2023 9:37



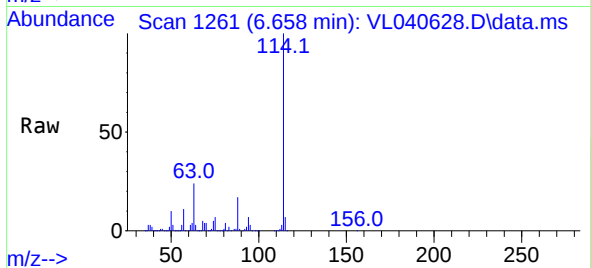
Tgt Ion: 97 Resp: 91135
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.2 76.8
 61 52.3 39.7 59.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

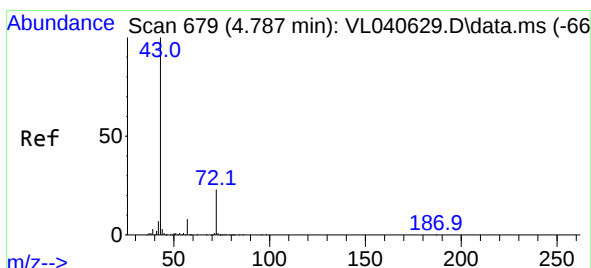
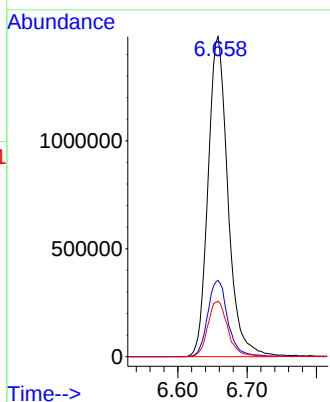
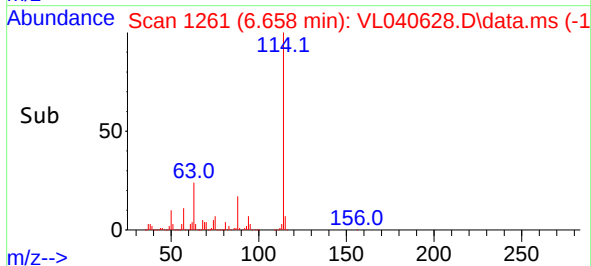
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:114 Resp: 2951698
Ion Ratio Lower Upper
114 100
63 24.4 20.2 30.2
88 17.6 14.1 21.1

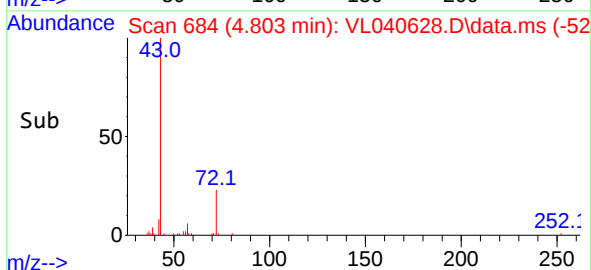
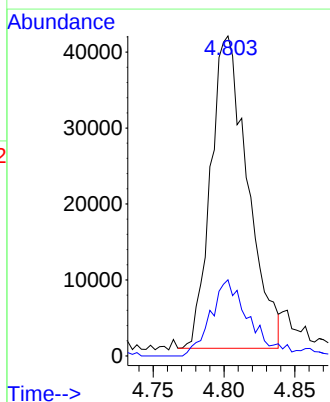
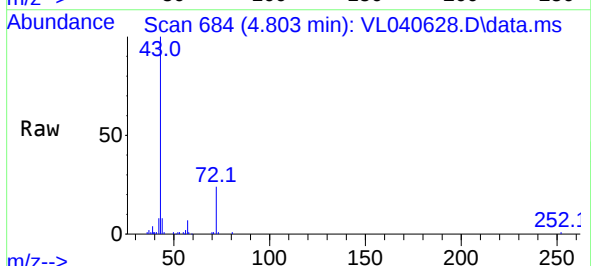
Manual Integrations
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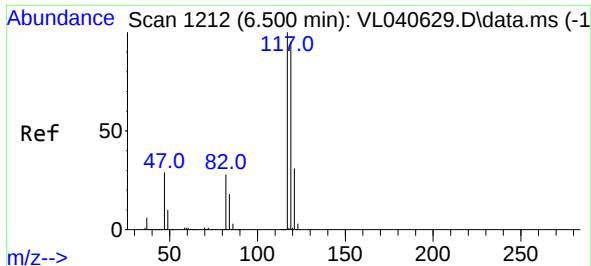
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
2-Butanone
Concen: 0.502 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.016 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

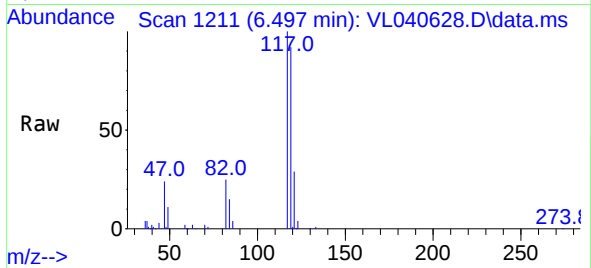
Tgt Ion: 43 Resp: 74679
Ion Ratio Lower Upper
43 100
72 26.7 19.2 28.8





#35
Carbon Tetrachloride
Concen: 0.486 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

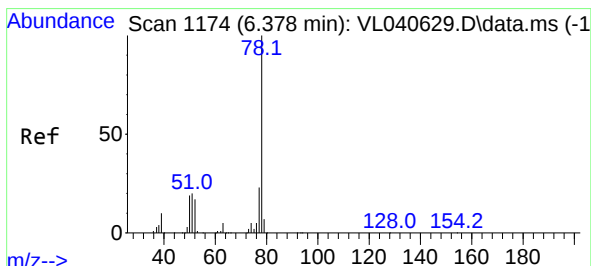
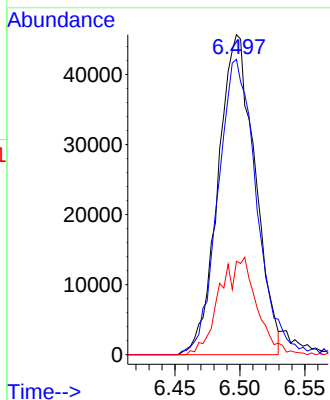
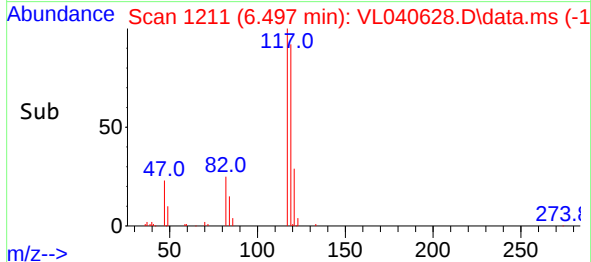
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



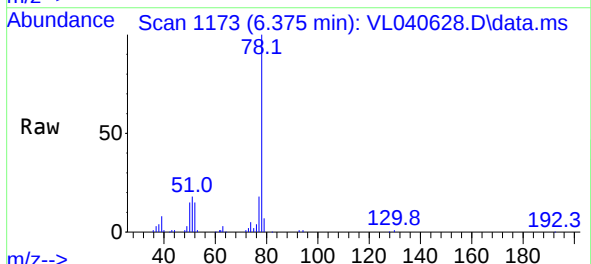
Tgt Ion: 117 Resp: 89920
Ion Ratio Lower Upper
117 100
119 92.3 75.6 113.4
121 29.2 24.9 37.3

Manual Integrations
APPROVED

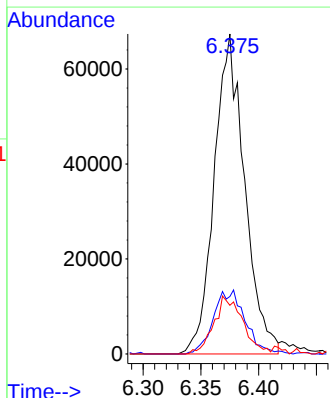
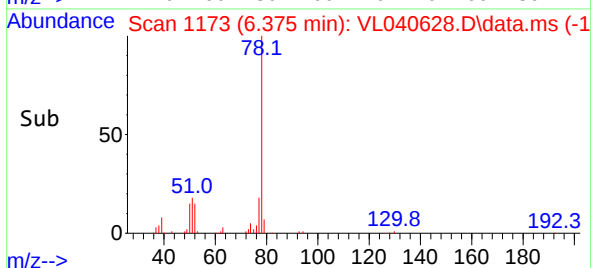
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

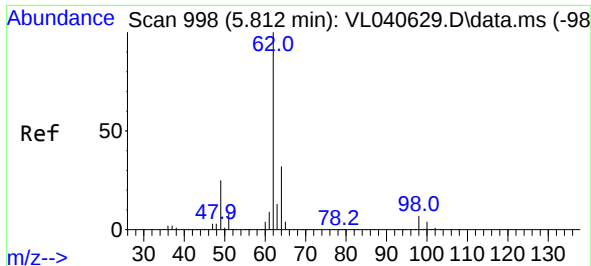


#36
Benzene
Concen: 0.524 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 78 Resp: 123082
Ion Ratio Lower Upper
78 100
77 18.0 18.2 27.2#
50 14.7 15.0 22.6#





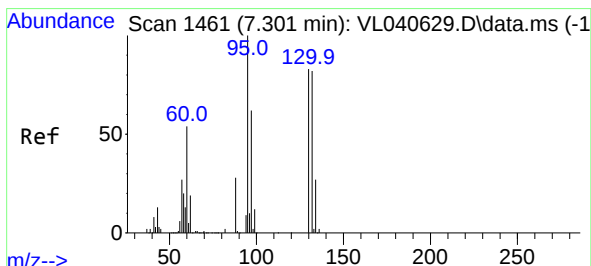
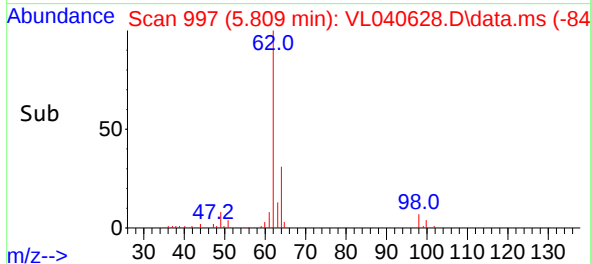
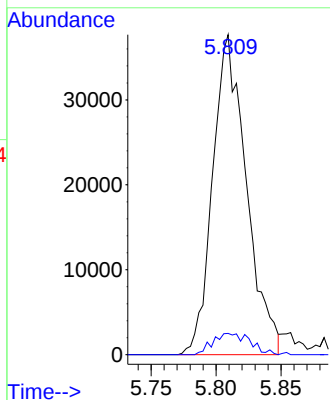
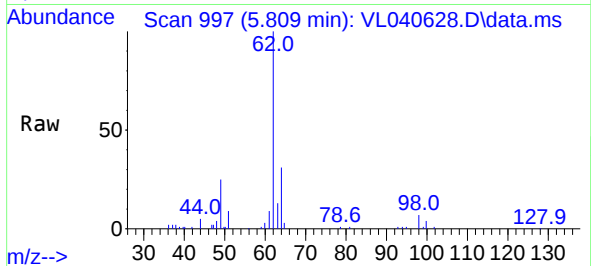
#37
1,2-Dichloroethane
Concen: 0.479 ppbv
RT: 5.809 min Scan# 997
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 67834
Ion Ratio Lower Upper
62 100
98 7.6 4.9 7.3

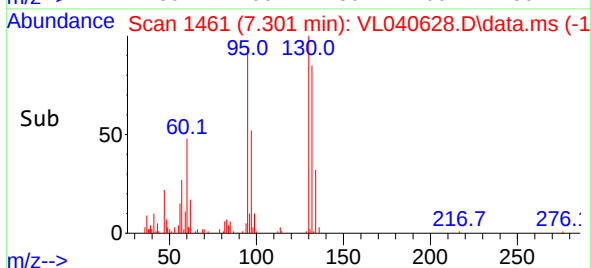
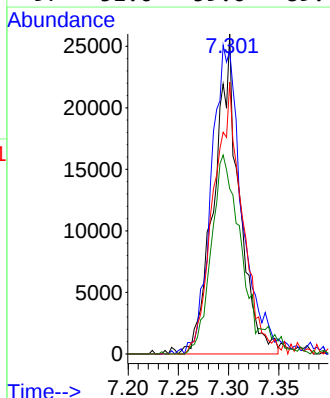
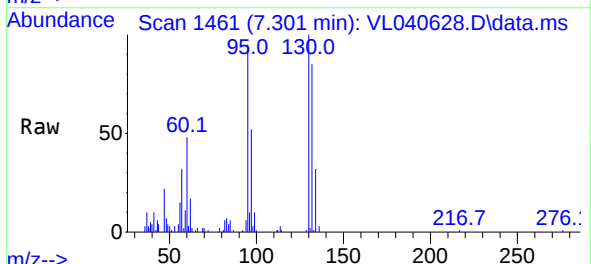
Manual Integrations
APPROVED

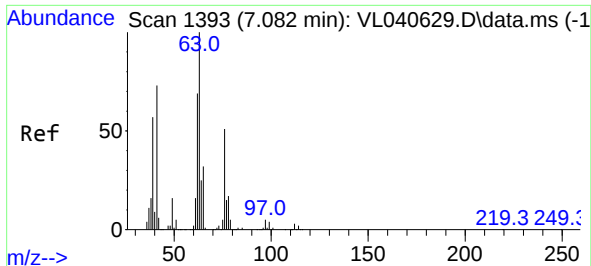
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Trichloroethene
Concen: 0.493 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Tgt Ion:130 Resp: 45045
Ion Ratio Lower Upper
130 100
95 94.7 95.9 143.9#
132 84.9 79.0 118.4
97 51.6 59.6 89.4#





#39

1,2-Dichloropropane

Concen: 0.514 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 63 Resp: 4588

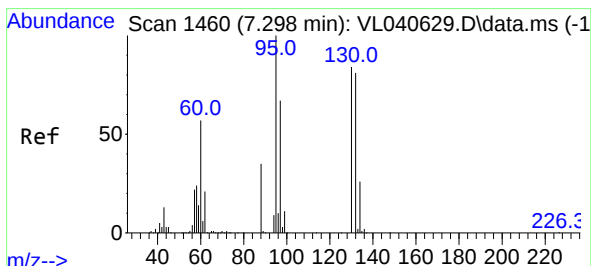
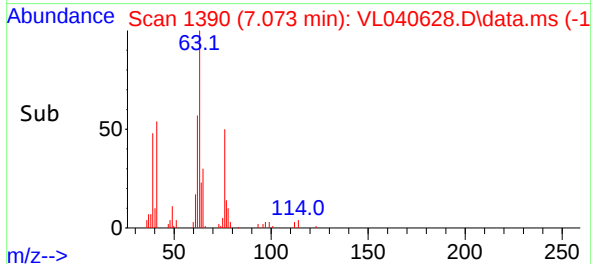
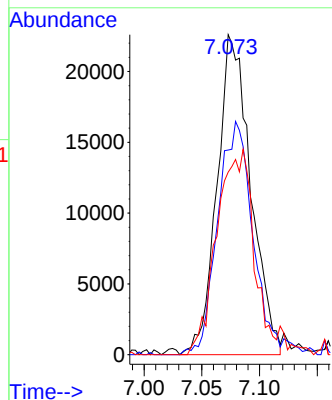
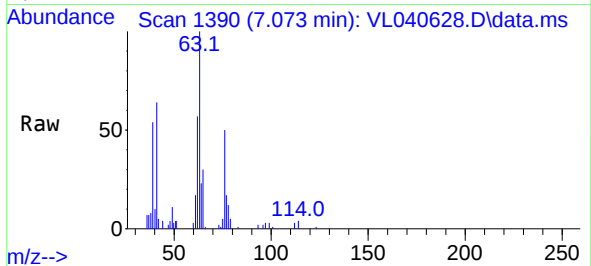
Ion	Ratio	Lower	Upper
63	100		
41	64.0	58.2	87.2
62	57.1	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#40

1,4-Dioxane

Concen: 0.354 ppbv m

RT: 7.324 min Scan# 1468

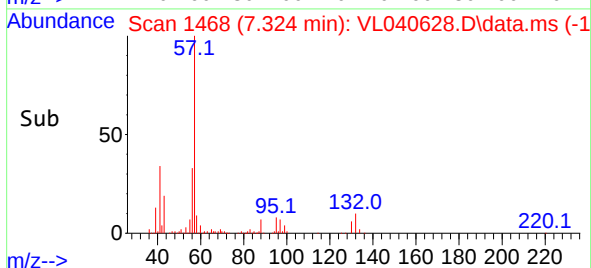
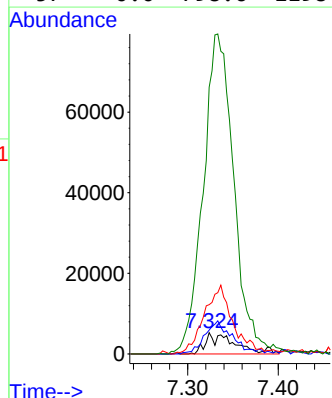
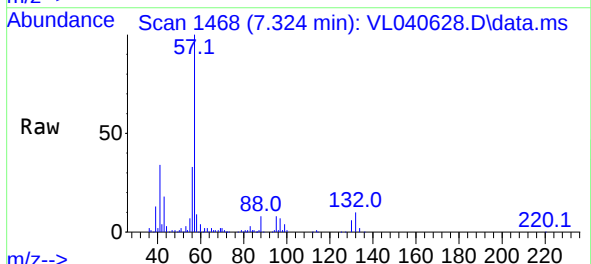
Delta R.T. 0.026 min

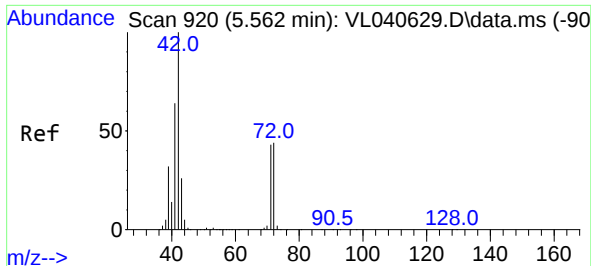
Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Tgt Ion: 88 Resp: 11882

Ion	Ratio	Lower	Upper
88	100		
58	0.0	92.8	139.2#
43	0.0	179.1	268.7#
57	0.0	798.6	1198.0#





#41

Tetrahydrofuran

Concen: 0.511 ppbv m

RT: 5.581 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

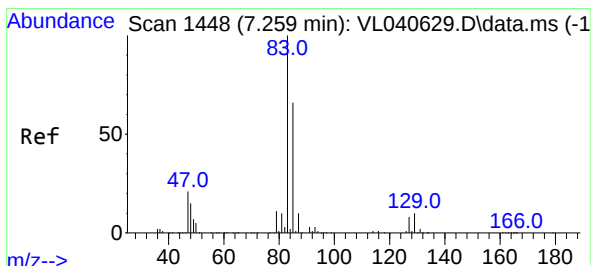
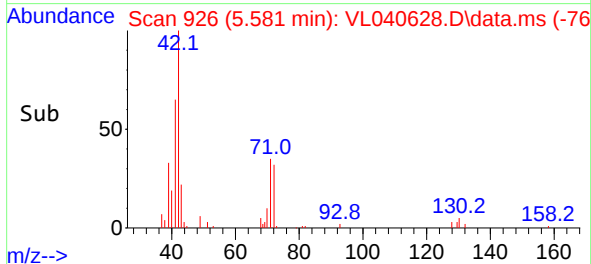
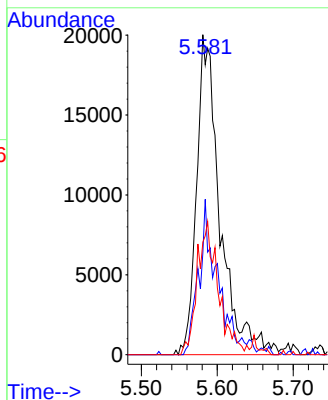
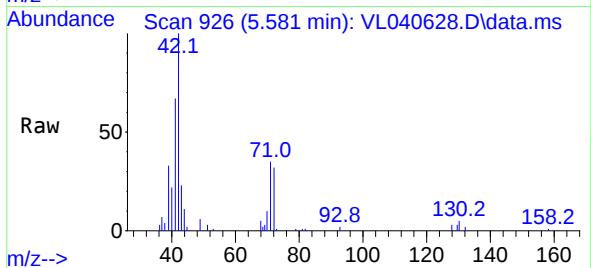
VSTDIC0.5

Tgt Ion:	42	Resp:	42840
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.2	51.4
71	0.0	33.4	50.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#42

Bromodichloromethane

Concen: 0.465 ppbv

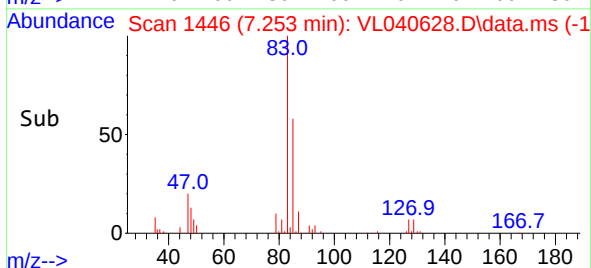
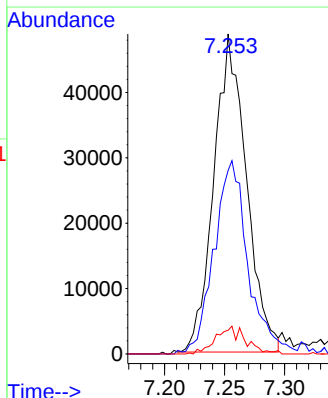
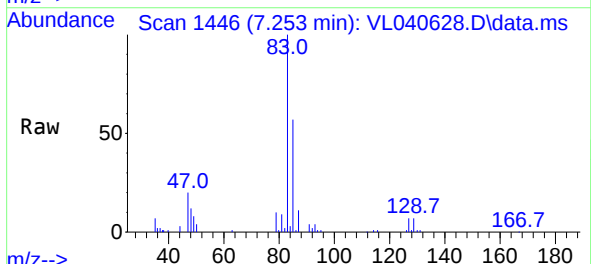
RT: 7.253 min Scan# 1446

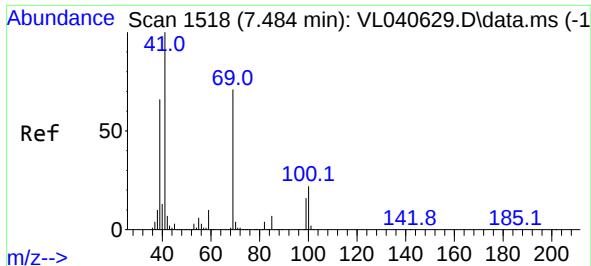
Delta R.T. -0.006 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

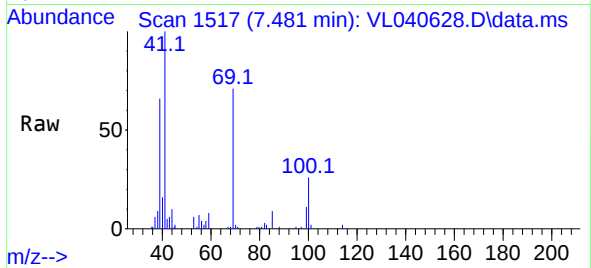
Tgt Ion:	83	Resp:	91645
Ion Ratio	Lower	Upper	
83	100		
85	56.6	52.5	78.7
127	7.4	6.1	9.1





#43
Methyl Methacrylate
Concen: 0.434 ppbv m
RT: 7.481 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

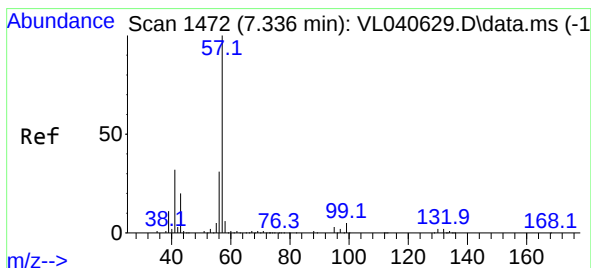
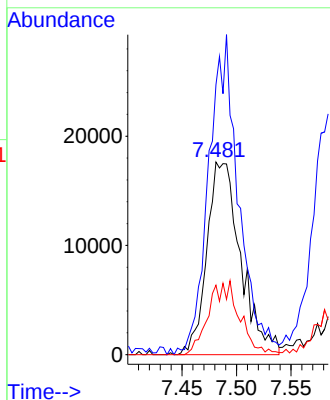
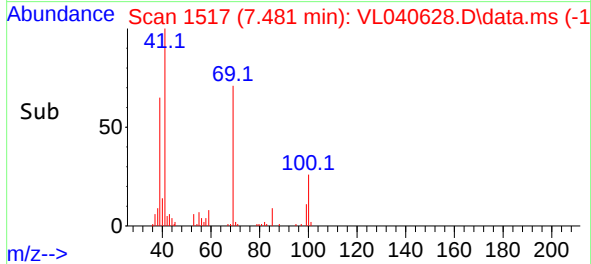
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



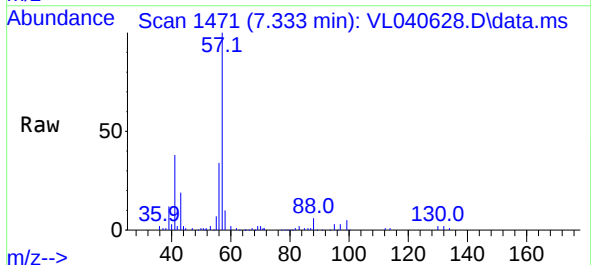
Tgt Ion: 69 Resp: 3810
Ion Ratio Lower Upper
69 100
41 0.0 111.8 167.8
100 0.0 25.8 38.6

Manual Integrations
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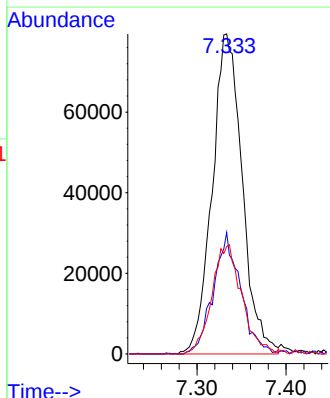
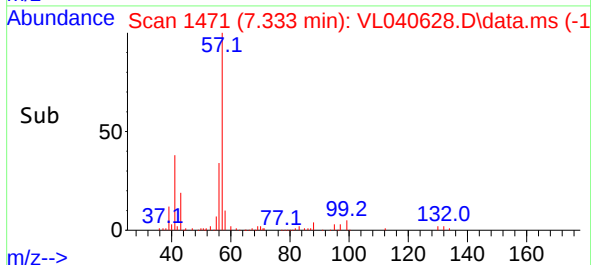
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

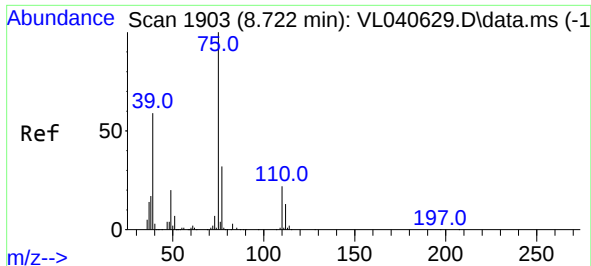


#44
2,2,4-Trimethylpentane
Concen: 0.489 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



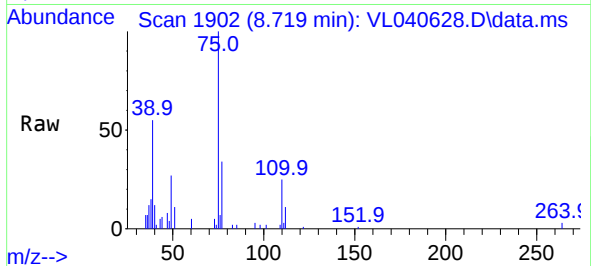
Tgt Ion: 57 Resp: 185727
Ion Ratio Lower Upper
57 100
41 35.1 26.2 39.4
56 34.7 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 0.393 ppbv m
RT: 8.719 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

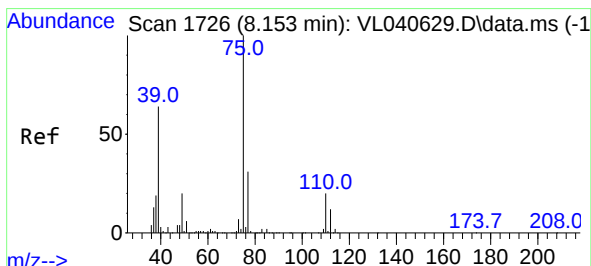
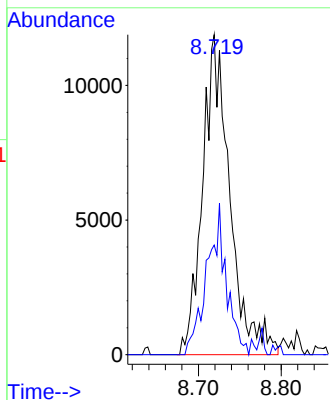
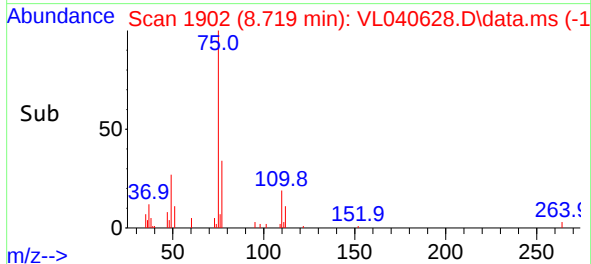
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



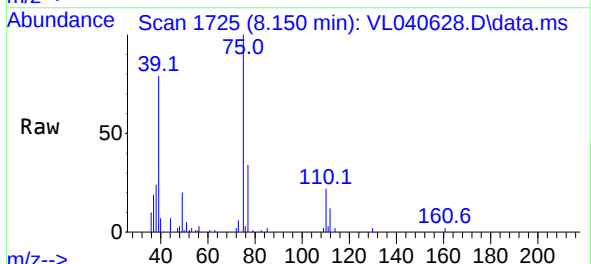
Tgt Ion: 75 Resp: 2721
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4

Manual Integrations
APPROVED

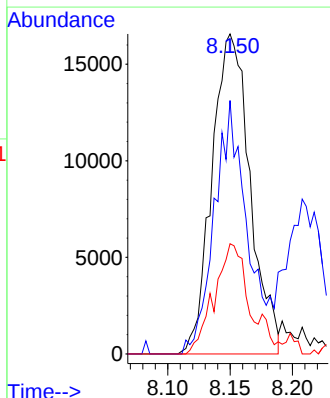
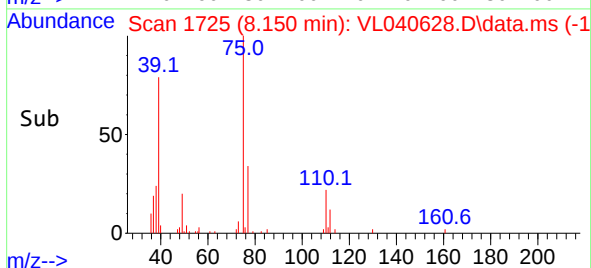
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

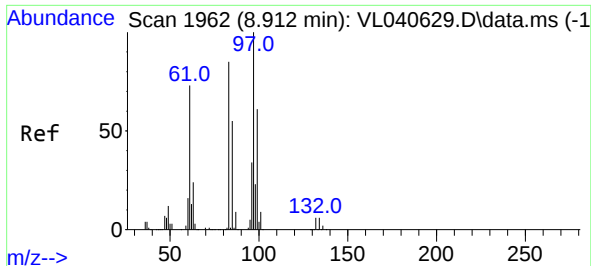


#46
cis-1,3-Dichloropropene
Concen: 0.412 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 75 Resp: 35214
Ion Ratio Lower Upper
75 100
39 79.2 51.0 76.4#
77 34.5 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 0.510 ppbv m

RT: 8.909 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040628.D

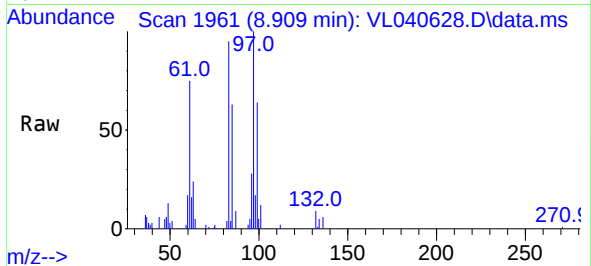
Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion: 97 Resp: 51529

Ion Ratio Lower Upper

97 100

83 95.4 67.8 101.8

85 62.9 44.0 66.0

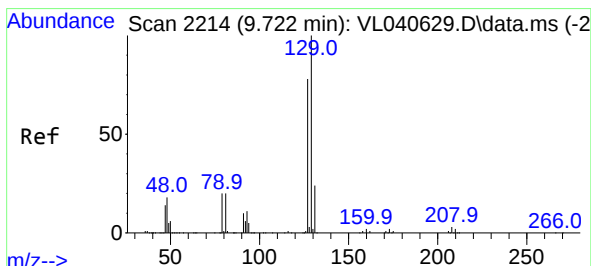
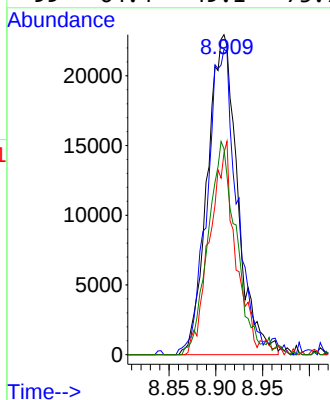
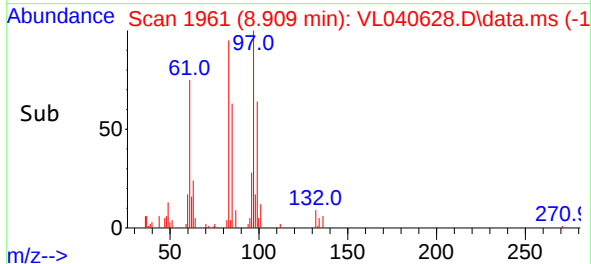
99 64.4 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#48

Dibromochloromethane

Concen: 0.432 ppbv m

RT: 9.716 min Scan# 2212

Delta R.T. -0.006 min

Lab File: VL040628.D

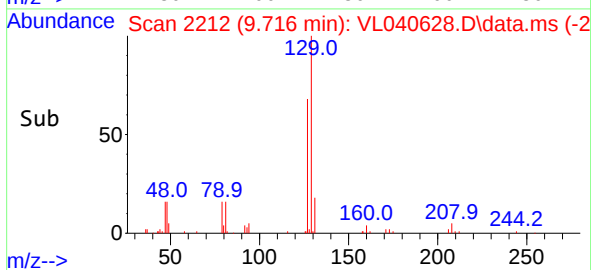
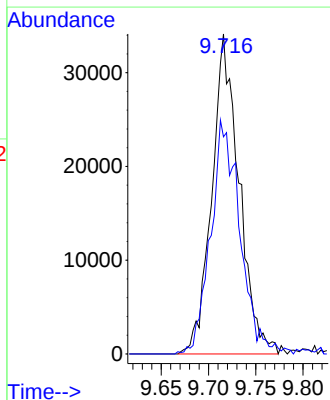
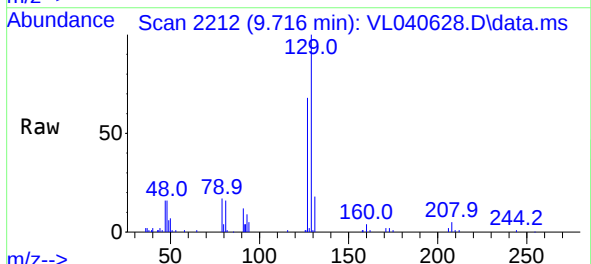
Acq: 15 Aug 2023 9:37

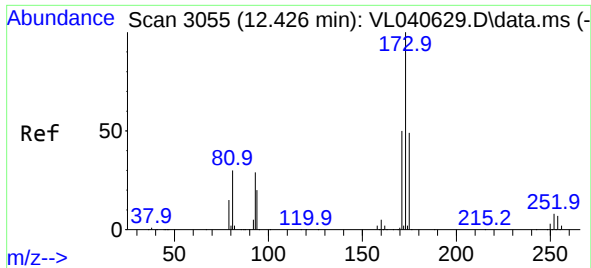
Tgt Ion:129 Resp: 68303

Ion Ratio Lower Upper

129 100

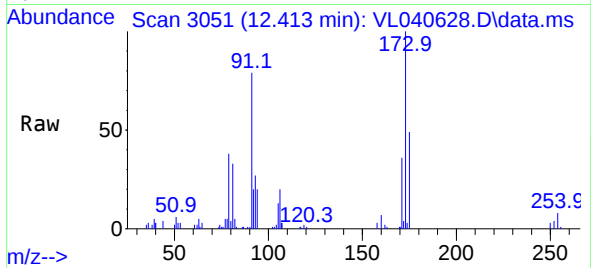
127 78.8 38.9 116.7





#49
Bromoform
Concen: 0.443 ppbv m
RT: 12.413 min Scan# 3055
Delta R.T. -0.013 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

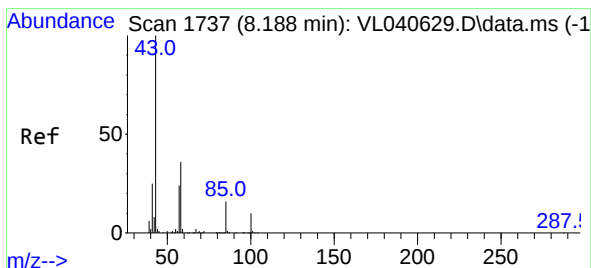
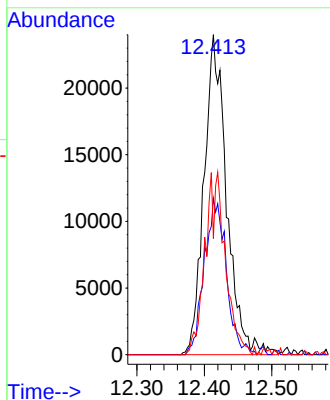
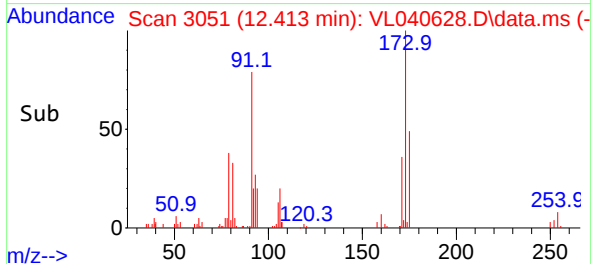
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 173 Resp: 5594
Ion Ratio Lower Upper
173 100
175 0.0 39.0 58.6
171 51.3 41.9 62.9

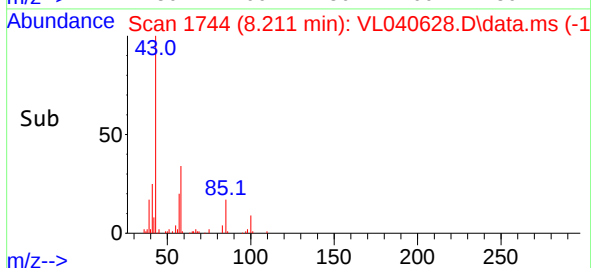
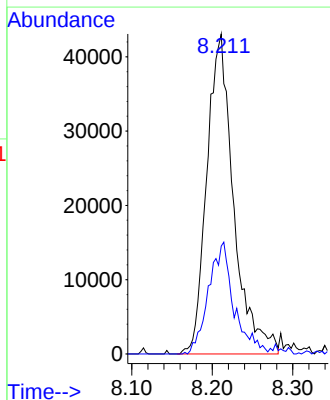
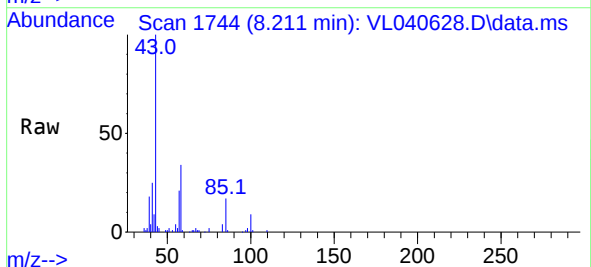
Manual Integrations
APPROVED

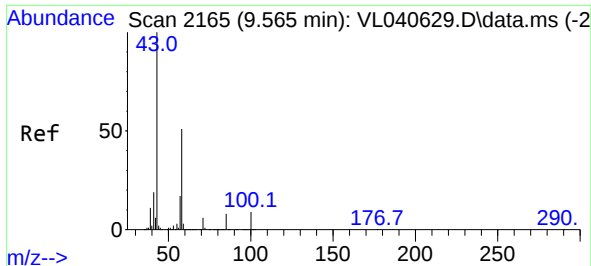
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#50
4-Methyl-2-Pentanone
Concen: 0.457 ppbv m
RT: 8.211 min Scan# 1744
Delta R.T. 0.023 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

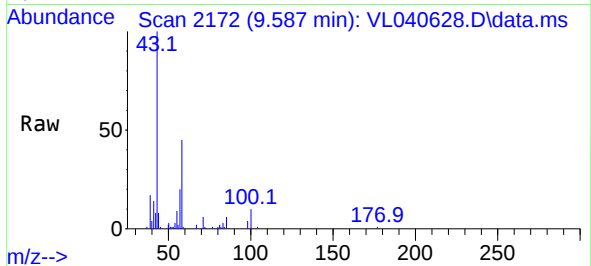
Tgt Ion: 43 Resp: 99572
Ion Ratio Lower Upper
43 100
58 34.2 29.2 43.8





#51
2-Hexanone
Concen: 0.414 ppbv m
RT: 9.587 min Scan# 2165
Delta R.T. 0.023 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

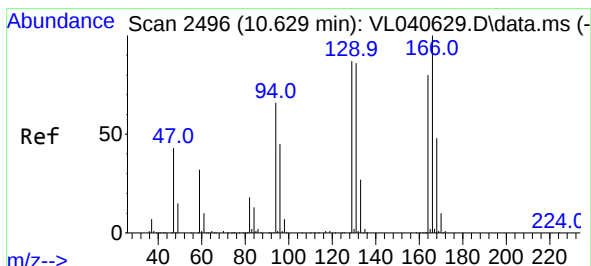
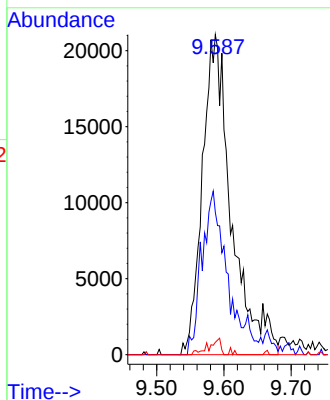
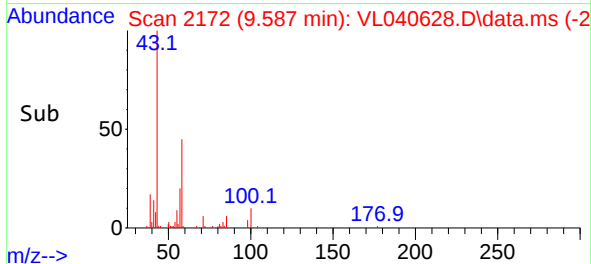
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



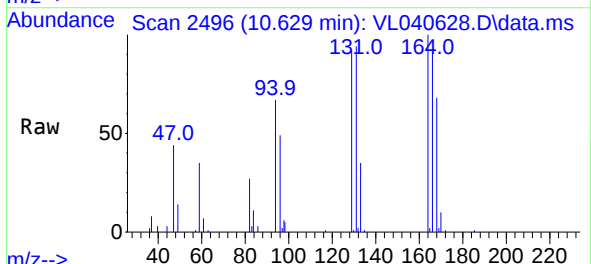
Tgt Ion: 43 Resp: 6327
Ion Ratio Lower Upper
43 100
58 49.0 39.4 59.2
98 0.0 0.4 0.6

Manual Integrations
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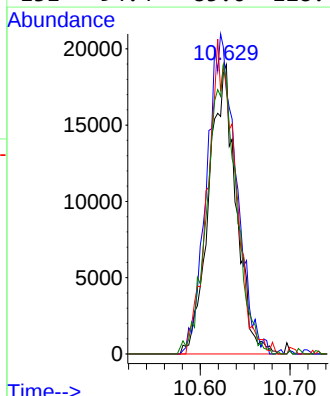
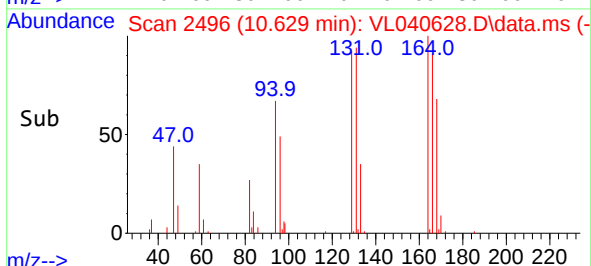
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

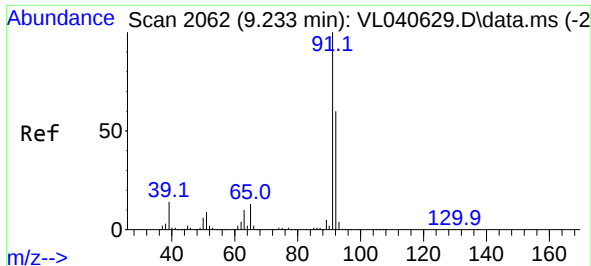


#52
Tetrachloroethene
Concen: 0.544 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion:164 Resp: 39988
Ion Ratio Lower Upper
164 100
166 90.9 99.5 149.3#
129 91.9 86.9 130.3
131 94.4 85.6 128.4





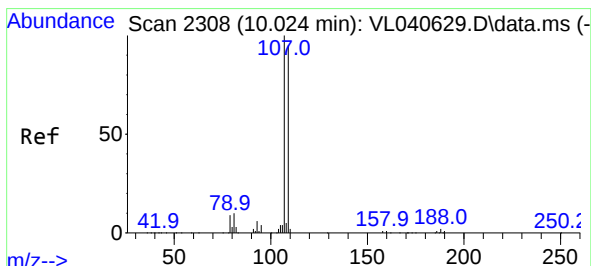
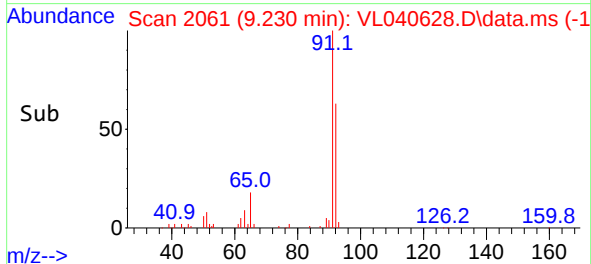
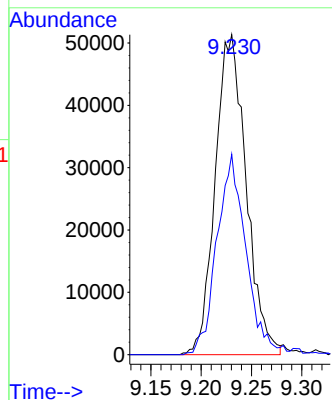
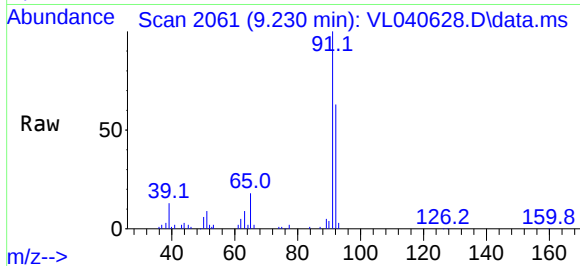
#53
Toluene
Concen: 0.440 ppbv
RT: 9.230 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 109784
Ion Ratio Lower Upper
91 100
92 59.7 48.0 72.0

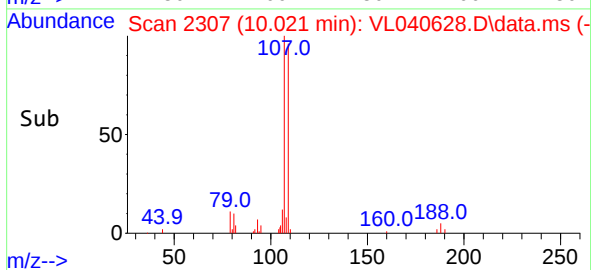
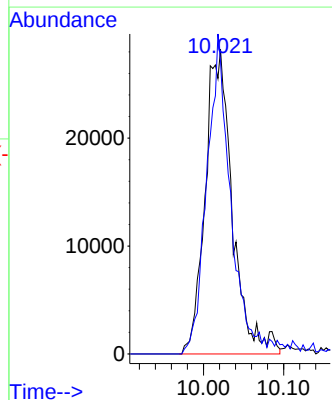
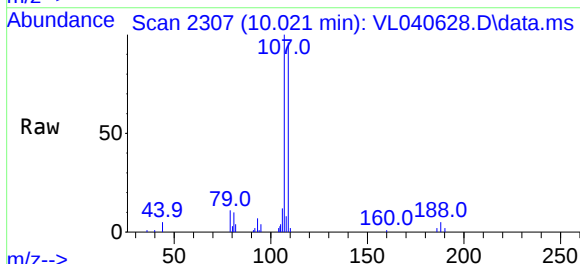
Manual Integrations
APPROVED

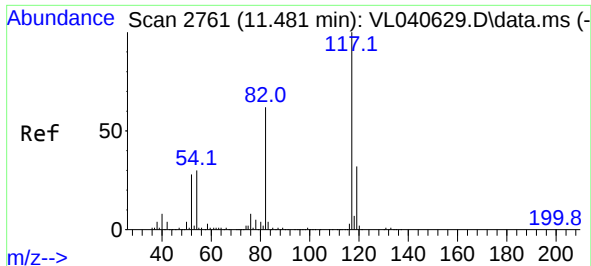
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#54
1,2-Dibromoethane
Concen: 0.548 ppbv m
RT: 10.021 min Scan# 2307
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

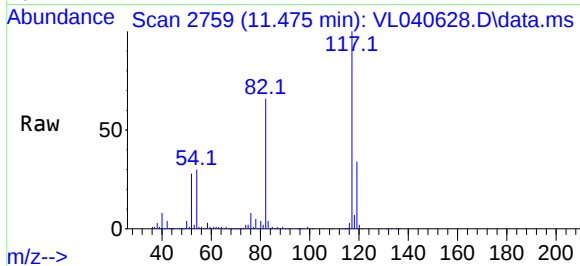
Tgt Ion:107 Resp: 66456
Ion Ratio Lower Upper
107 100
109 96.2 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

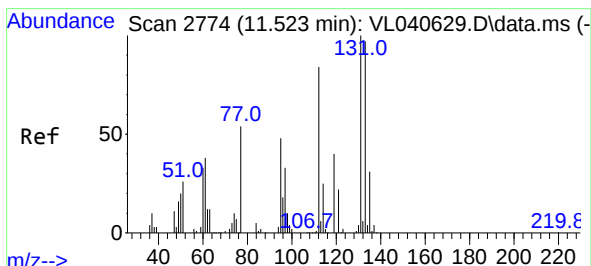
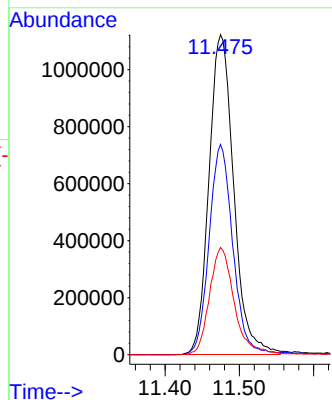
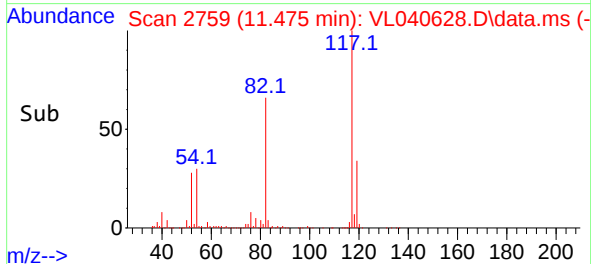
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



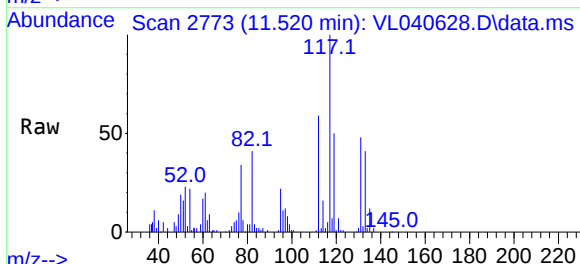
Tgt Ion:117 Resp: 259721
Ion Ratio Lower Upper
117 100
82 63.7 49.5 74.3
119 33.9 24.5 36.7

Manual Integrations
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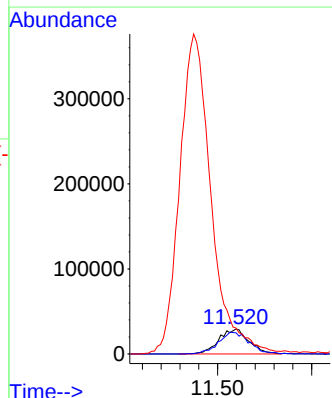
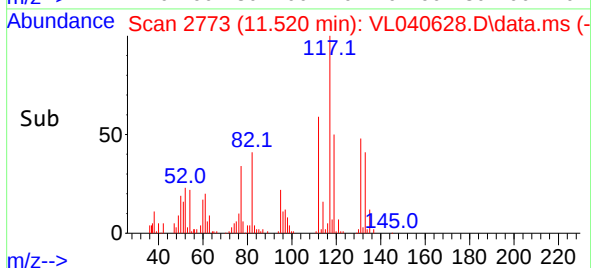
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

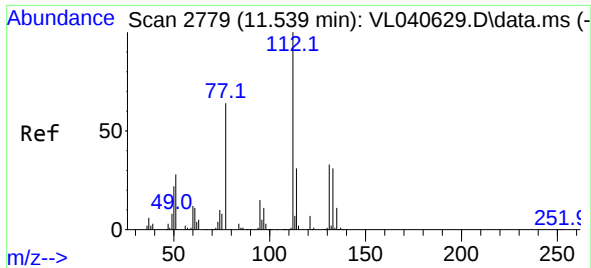


#56
1,1,1,2-Tetrachloroethane
Concen: 0.539 ppbv m
RT: 11.520 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



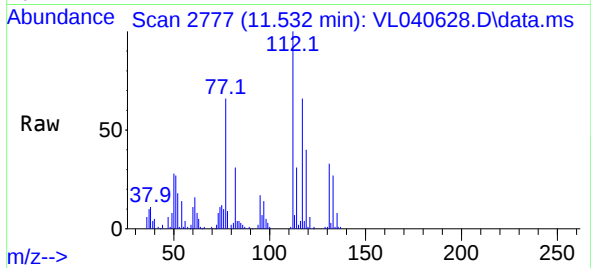
Tgt Ion:131 Resp: 64824
Ion Ratio Lower Upper
131 100
133 0.0 75.4 113.0#
119 0.0 51.0 76.6#





#57
Chlorobenzene
Concen: 0.543 ppbv
RT: 11.532 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

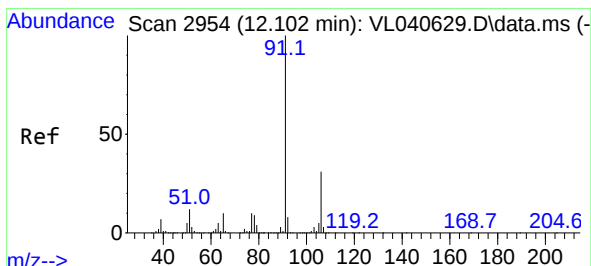
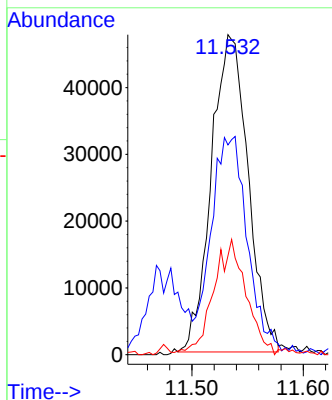
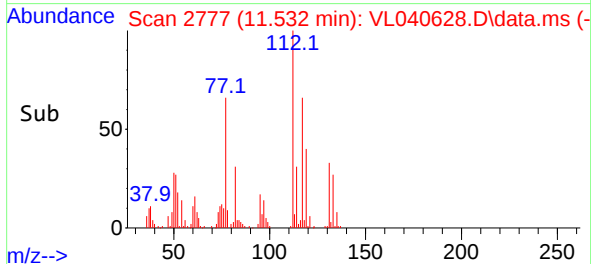
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



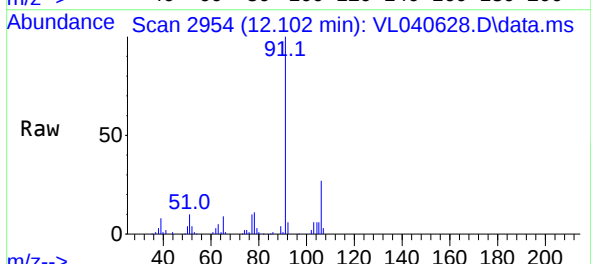
Tgt Ion:112 Resp: 10880
Ion Ratio Lower Upper
112 100
77 62.6 52.5 78.7
114 30.0 27.8 34.0

Manual Integrations
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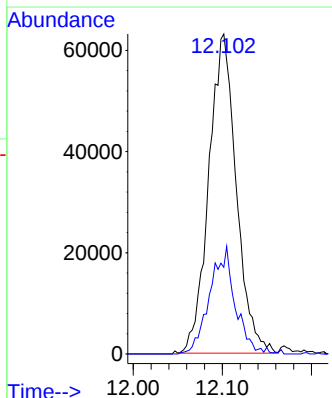
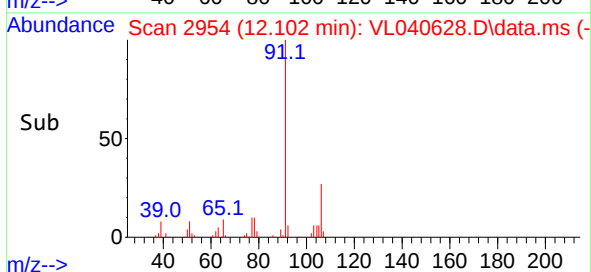
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

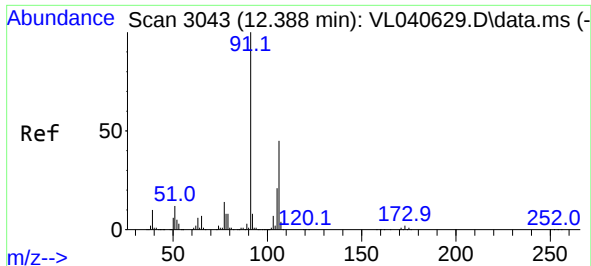


#58
Ethyl Benzene
Concen: 0.433 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 91 Resp: 135635
Ion Ratio Lower Upper
91 100
106 27.2 24.6 36.8





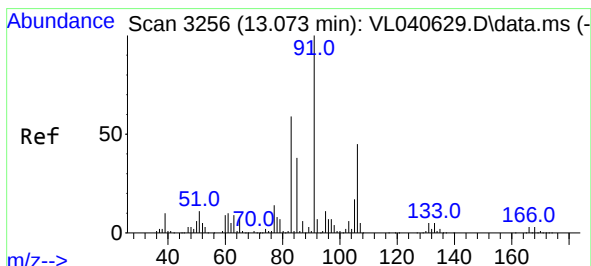
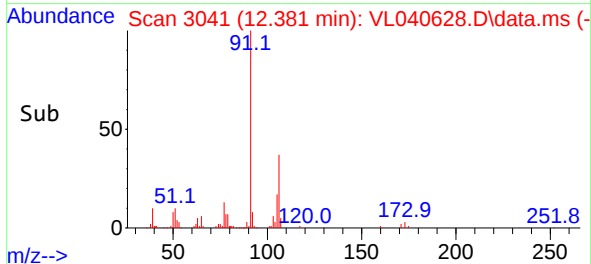
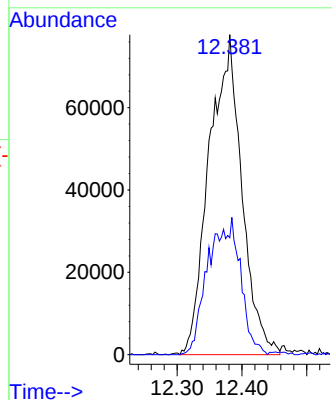
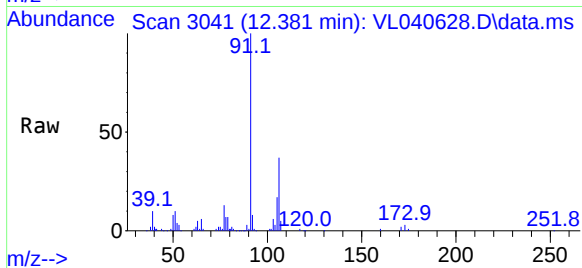
#59
m/p-Xylene
Concen: 0.952 ppbv m
RT: 12.381 min Scan# 3043
Delta R.T. -0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 27182
Ion Ratio Lower Upper
91 100
106 42.6 35.3 52.9

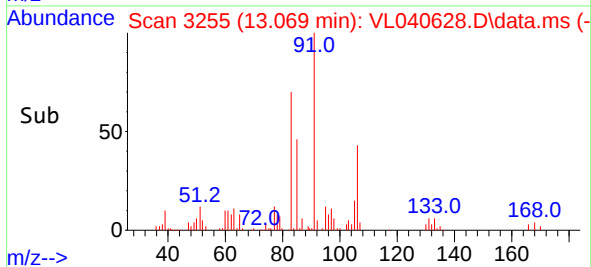
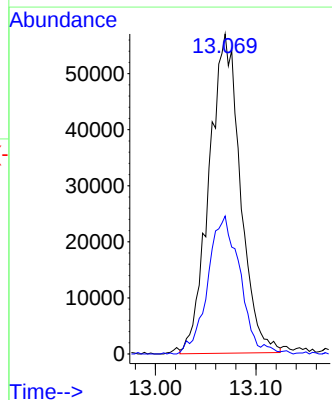
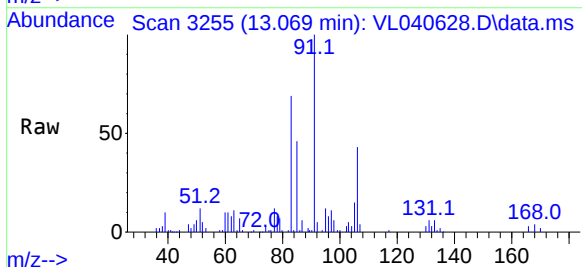
Manual Integrations
APPROVED

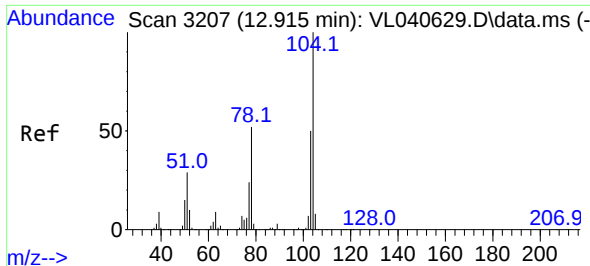
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
o-Xylene
Concen: 0.455 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

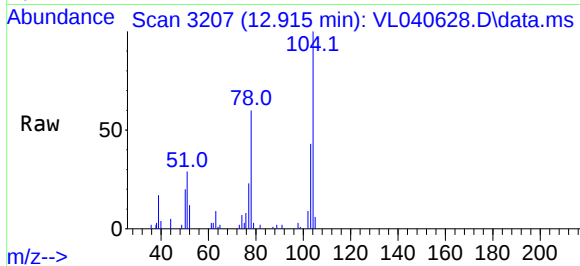
Tgt Ion: 91 Resp: 123084
Ion Ratio Lower Upper
91 100
106 44.9 22.5 67.5





#61
Styrene
Concen: 0.354 ppbv m
RT: 12.915 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

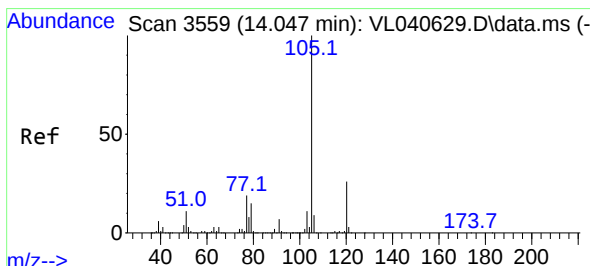
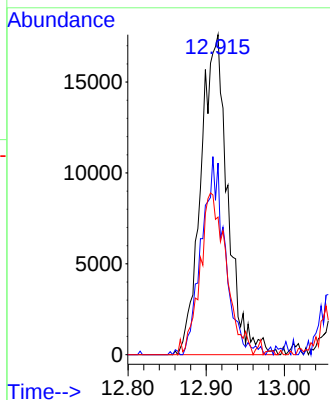
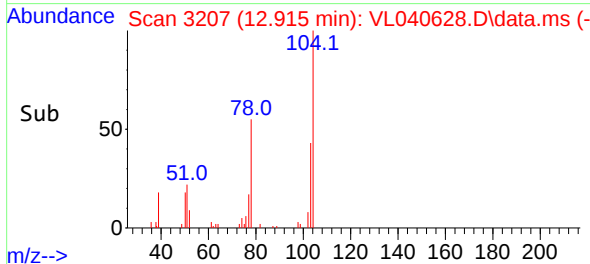
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:104 Resp: 4204
Ion Ratio Lower Upper
104 100
78 54.5 41.0 61.4
103 50.6 37.3 55.9

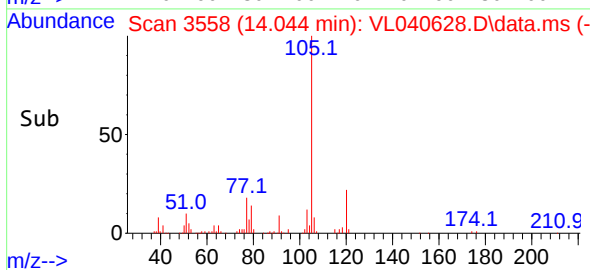
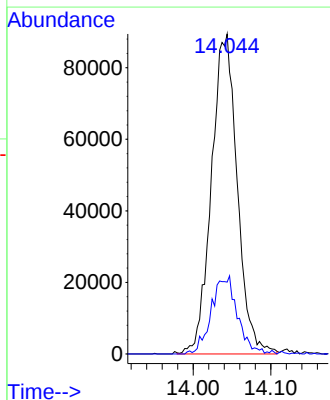
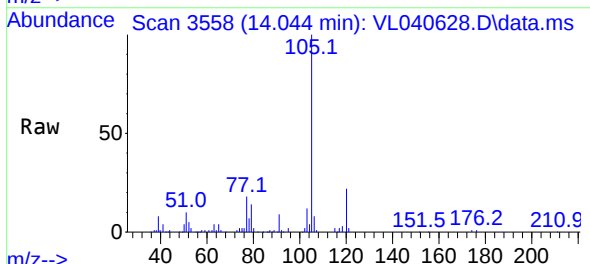
Manual Integrations
APPROVED

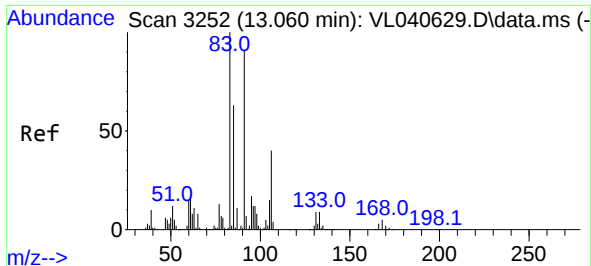
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#62
Isopropylbenzene
Concen: 0.504 ppbv m
RT: 14.044 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

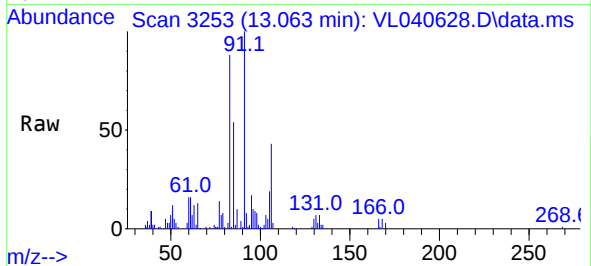
Tgt Ion:105 Resp: 206533
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.526 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

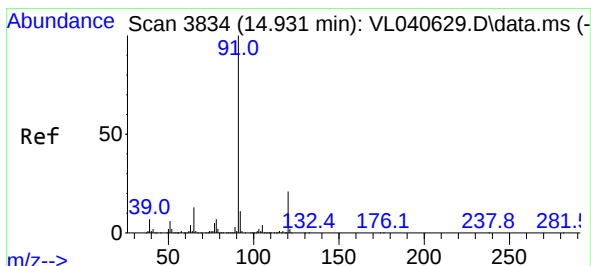
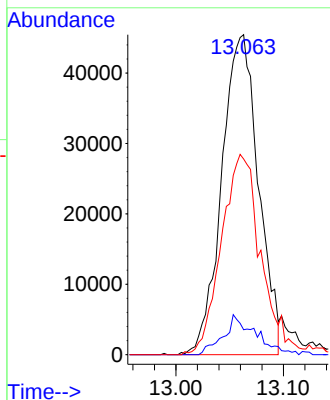
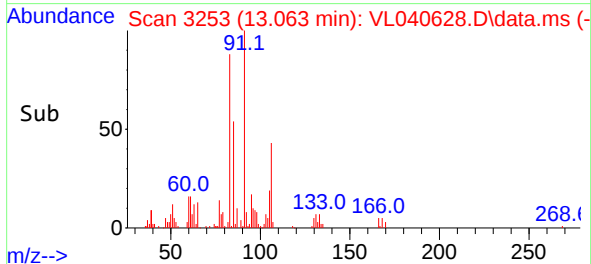
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



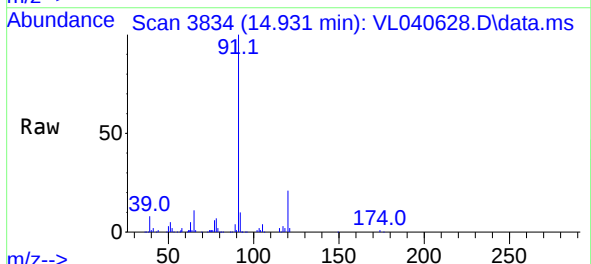
Tgt Ion: 83 Resp: 10786
Ion Ratio Lower Upper
83 100
131 11.1 4.5 13.7
85 68.8 32.4 97.2

Manual Integrations
APPROVED

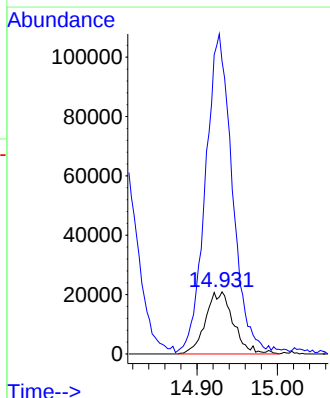
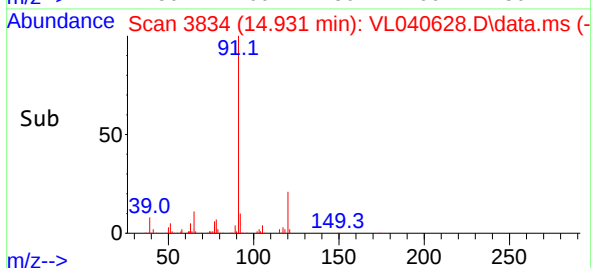
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

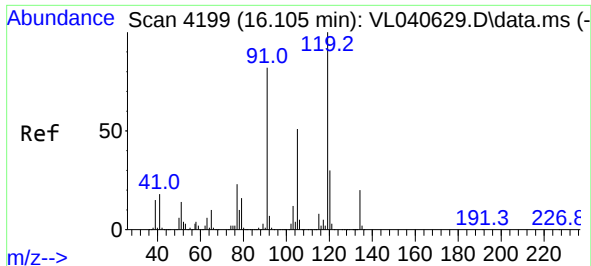


#64
n-propylbenzene
Concen: 0.486 ppbv m
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



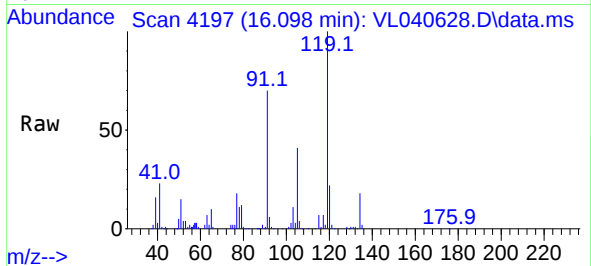
Tgt Ion:120 Resp: 50364
Ion Ratio Lower Upper
120 100
91 488.5 387.8 581.8





#65
tert-Butylbenzene
Concen: 0.469 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

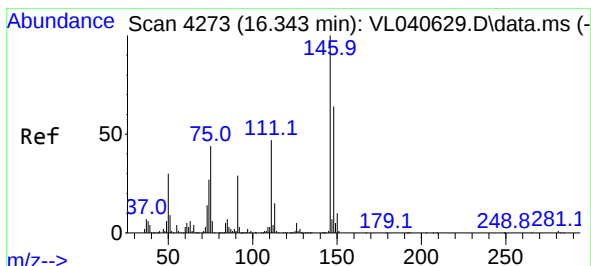
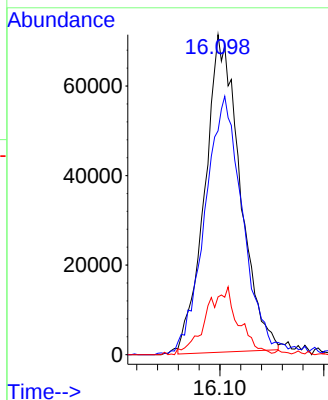
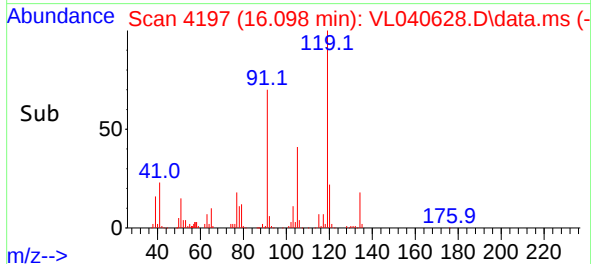
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



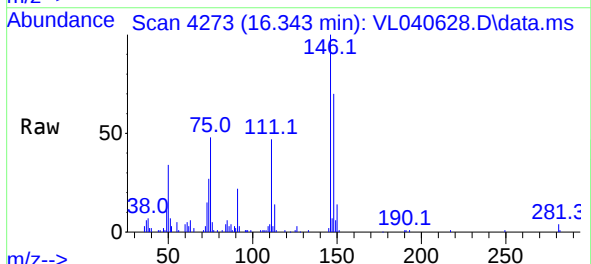
Tgt Ion: 119 Resp: 166710
Ion Ratio Lower Upper
119 100
91 90.4 67.8 101.6
134 20.7 15.7 23.5

Manual Integrations
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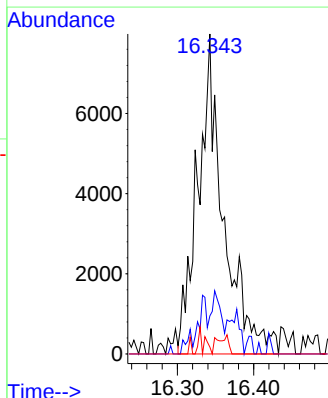
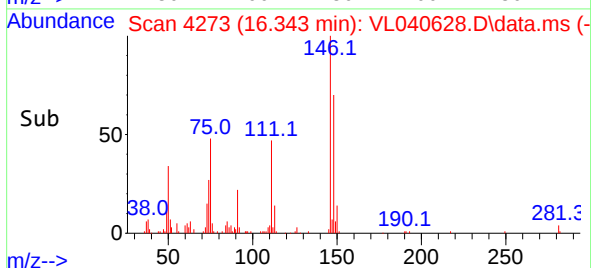
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

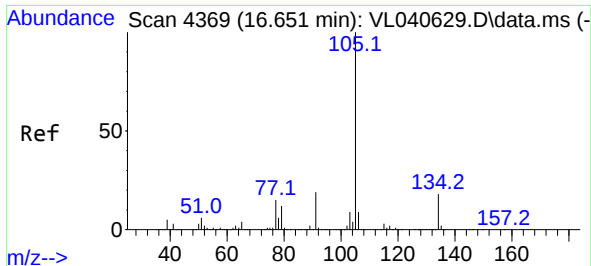


#66
Benzyl Chloride
Concen: 0.423 ppbv m
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 91 Resp: 18746
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 2.2 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.485 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 25132

Ion Ratio Lower Upper

105 100

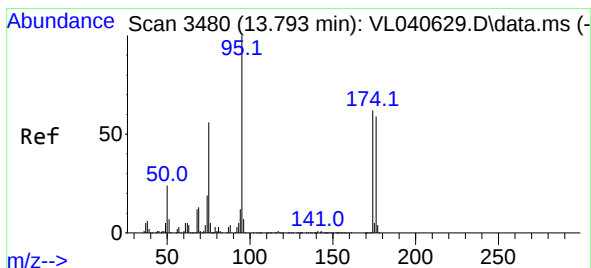
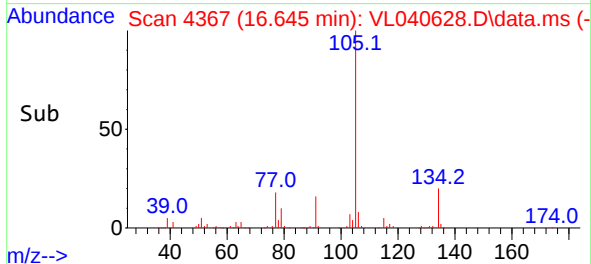
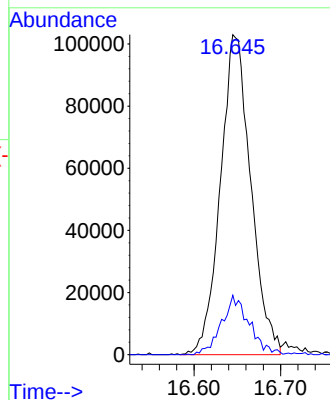
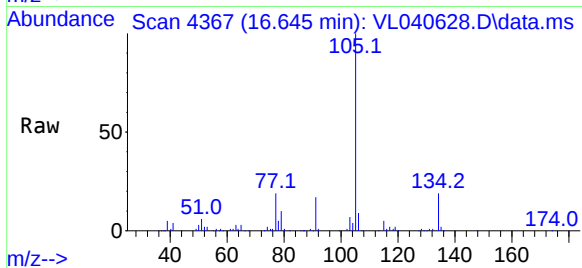
134 17.2 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.751 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.010 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

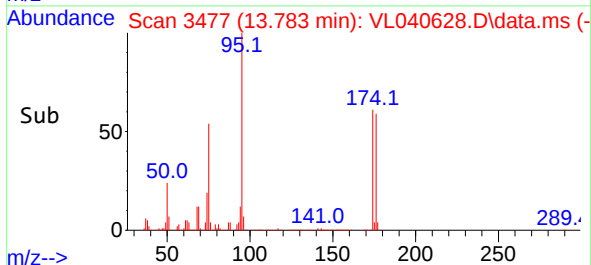
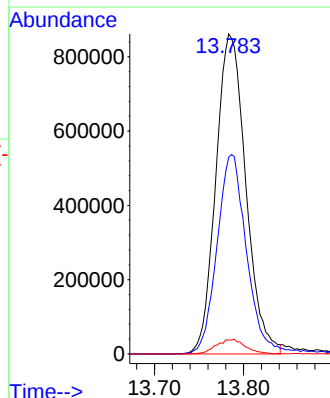
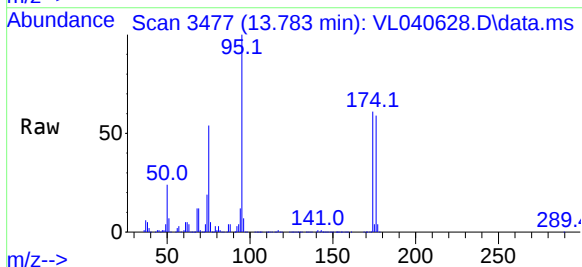
Tgt Ion: 95 Resp: 2014034

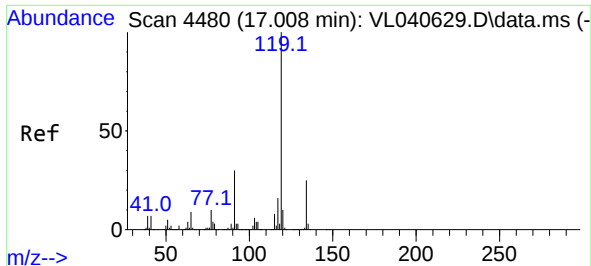
Ion Ratio Lower Upper

95 100

174 62.1 49.1 73.7

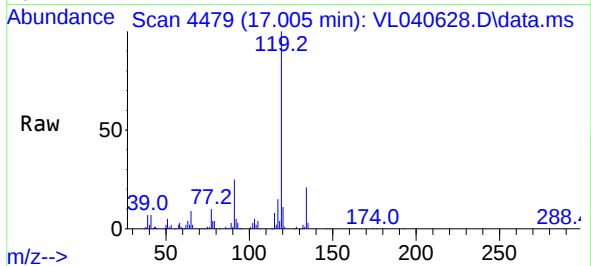
175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.459 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

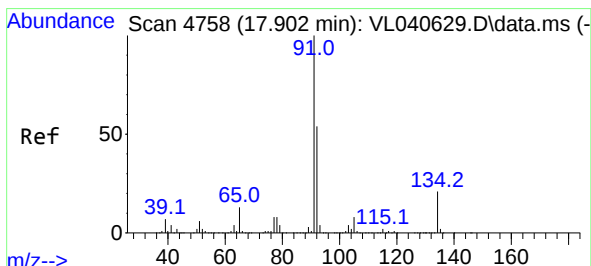
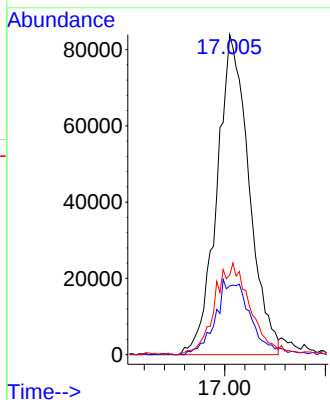
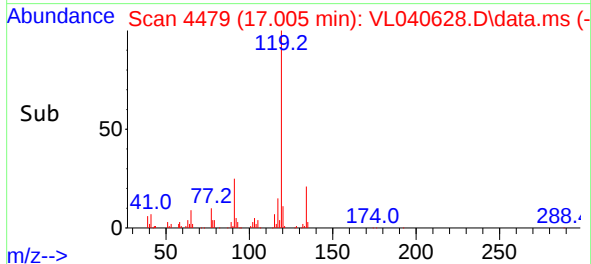
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



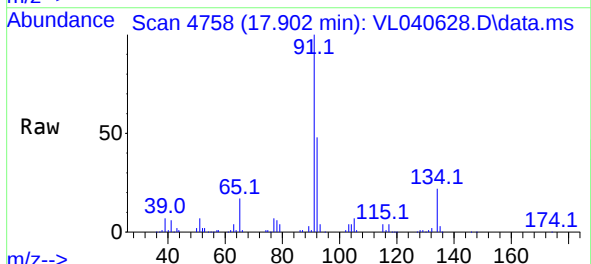
Tgt Ion:119 Resp: 186245
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.4
91 32.6 24.2 36.4

Manual Integrations
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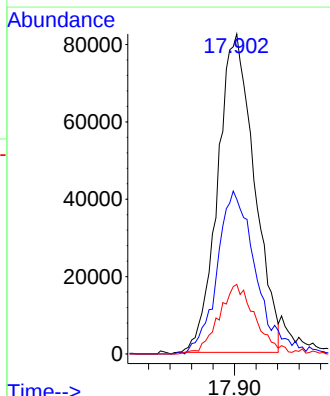
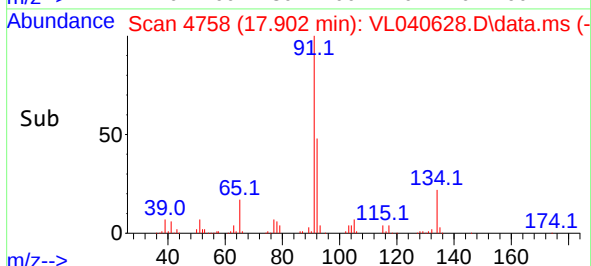
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

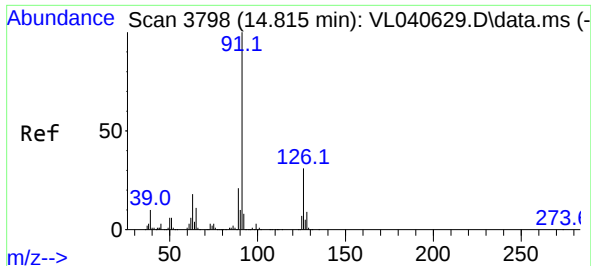


#70
n-Butylbenzene
Concen: 0.440 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion: 91 Resp: 194799
Ion Ratio Lower Upper
91 100
92 55.1 42.9 64.3
134 22.2 17.0 25.6





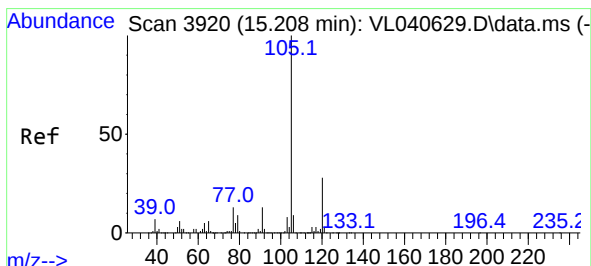
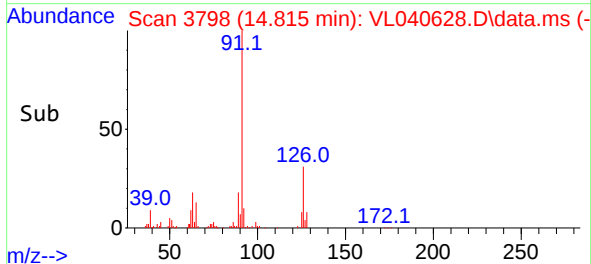
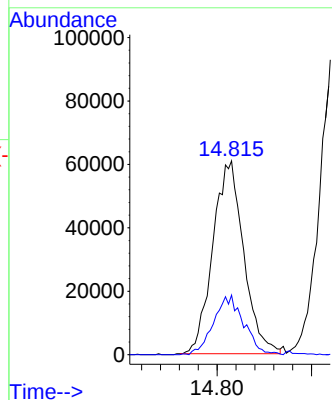
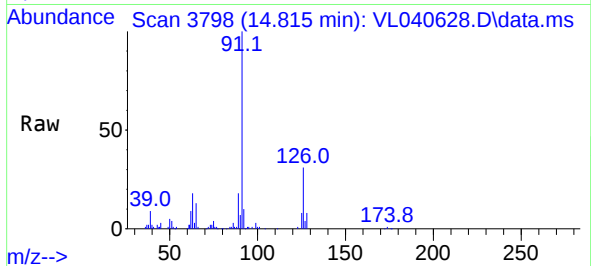
#71
2-Chlorotoluene
Concen: 0.453 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 137680
Ion Ratio Lower Upper
91 100
126 30.0 12.2 49.0

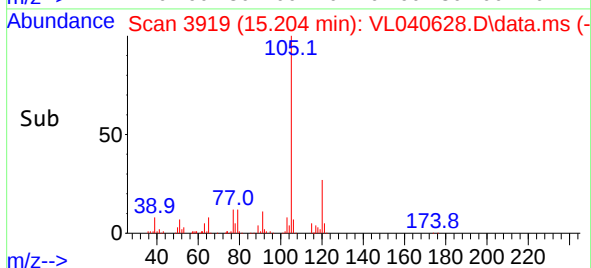
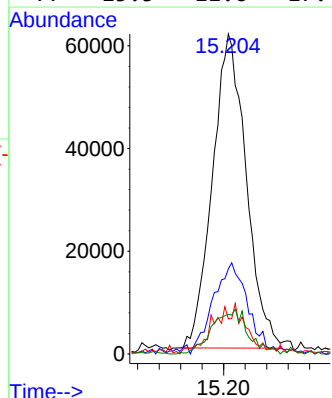
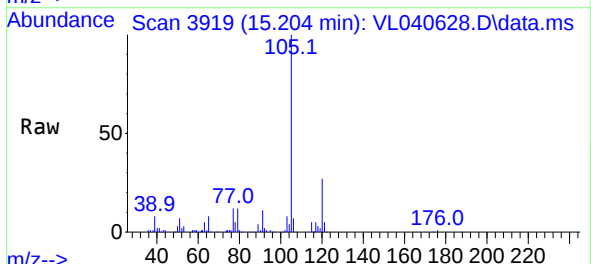
Manual Integrations
APPROVED

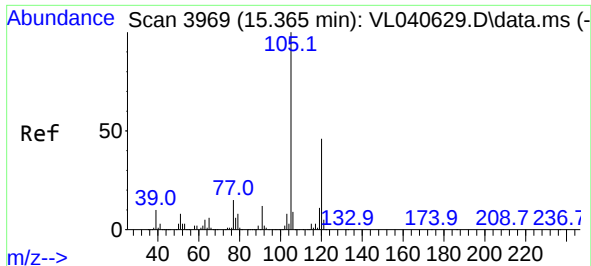
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
4-Ethyltoluene
Concen: 0.435 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

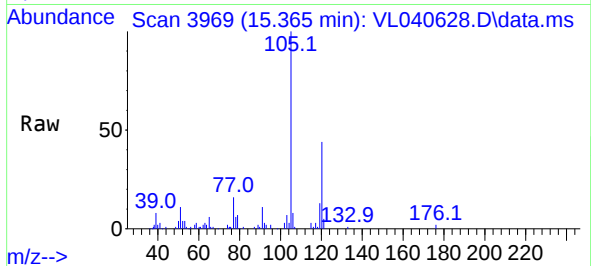
Tgt Ion:105 Resp: 133092
Ion Ratio Lower Upper
105 100
120 31.5 23.0 34.6
91 16.7 10.9 16.3#
77 15.5 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.473 ppbv m
RT: 15.365 min Scan# 3969
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

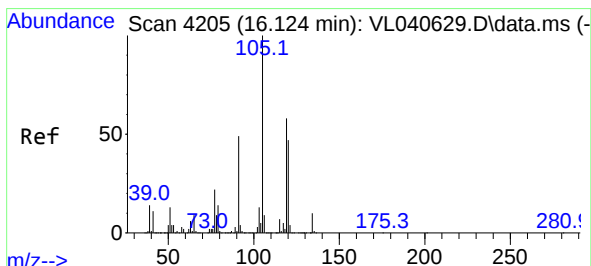
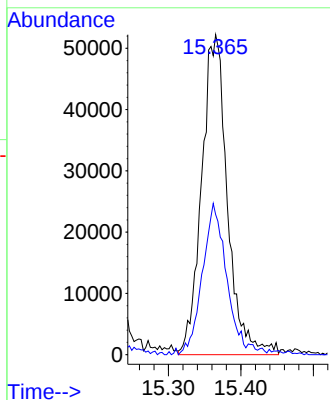
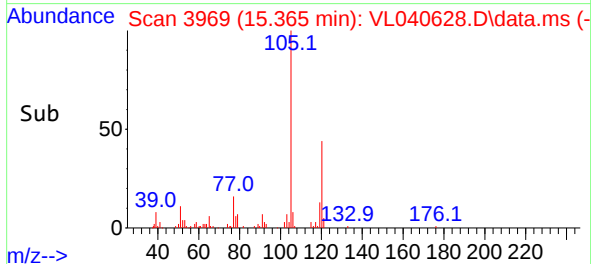
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



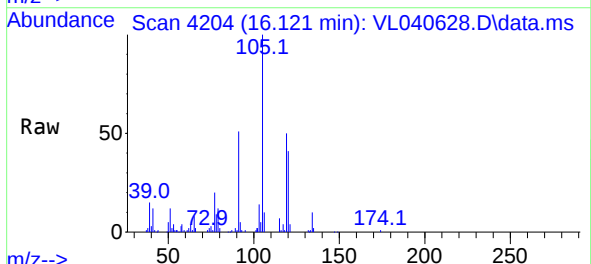
Tgt Ion:105 Resp: 12906
Ion Ratio Lower Upper
105 100
120 43.8 36.5 54.7

Manual Integrations
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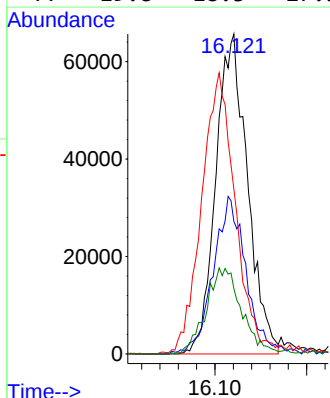
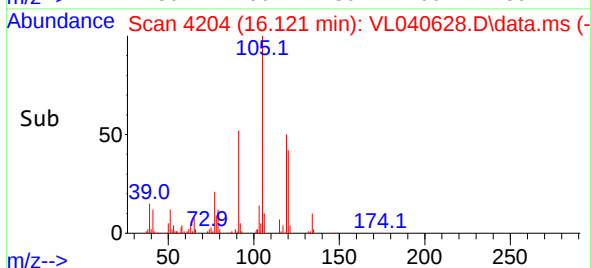
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

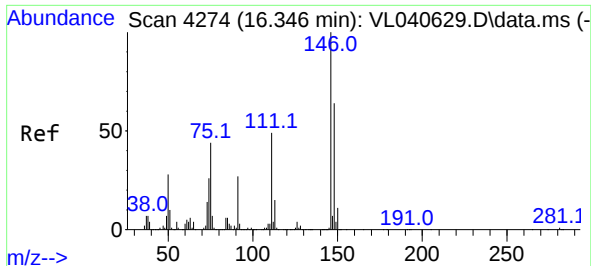


#74
1,2,4-Trimethylbenzene
Concen: 0.493 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion:105 Resp: 157180
Ion Ratio Lower Upper
105 100
120 40.7 37.7 56.5
91 48.9 41.2 61.8
77 19.8 18.3 27.5





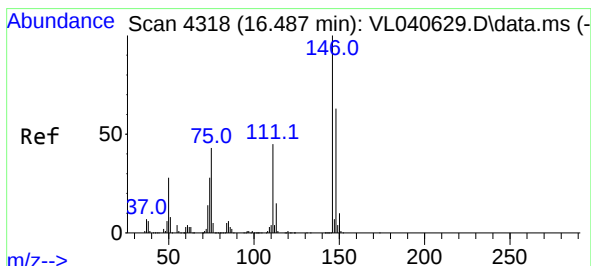
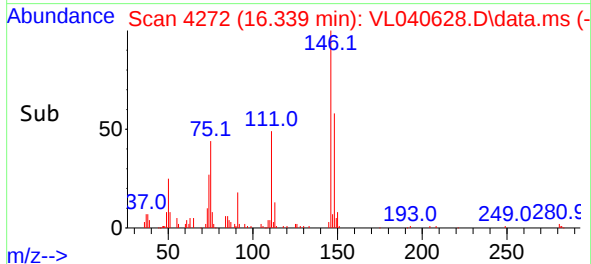
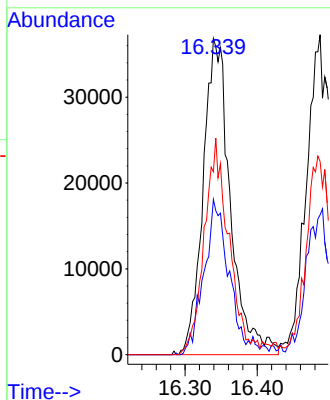
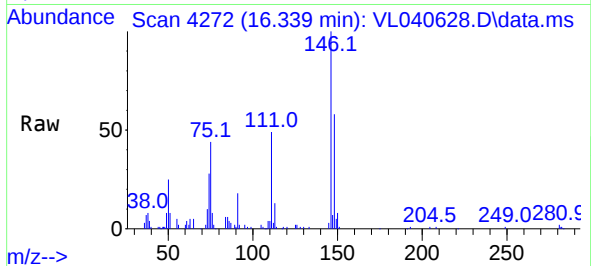
#75
1,3-Dichlorobenzene
Concen: 0.525 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. -0.006 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 96709
Ion Ratio Lower Upper
146 100
111 46.8 23.7 71.1
148 63.8 31.7 95.1

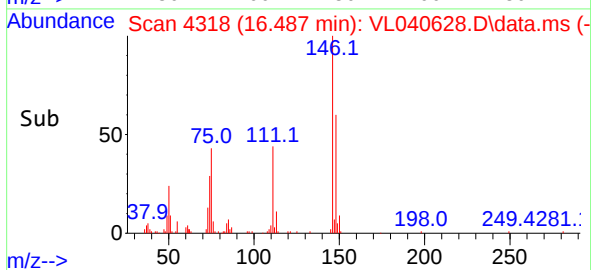
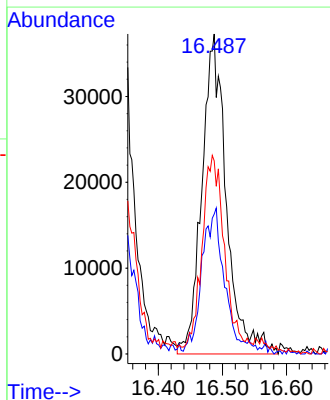
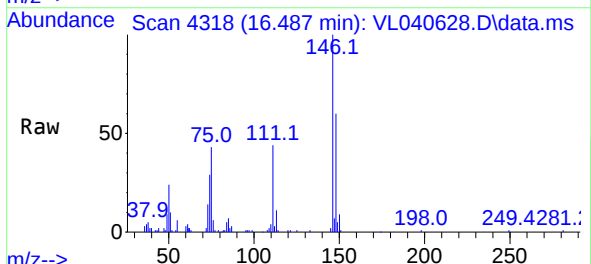
Manual Integrations
APPROVED

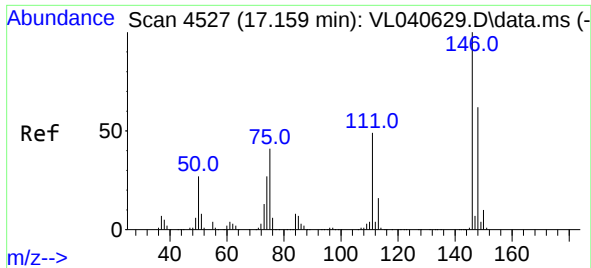
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,4-Dichlorobenzene
Concen: 0.537 ppbv m
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

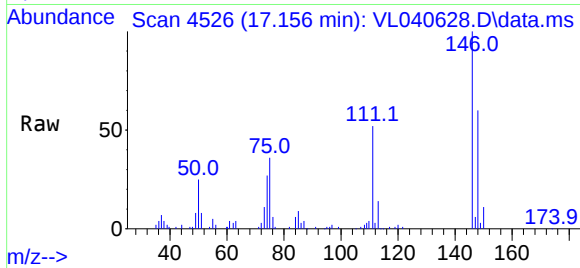
Tgt Ion:146 Resp: 98913
Ion Ratio Lower Upper
146 100
111 45.5 23.2 69.5
148 64.4 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 0.544 ppbv m
RT: 17.156 min Scan# 4526
Delta R.T. -0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

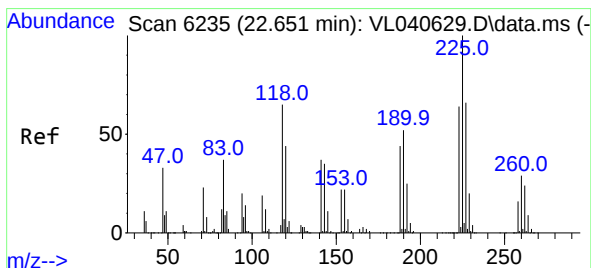
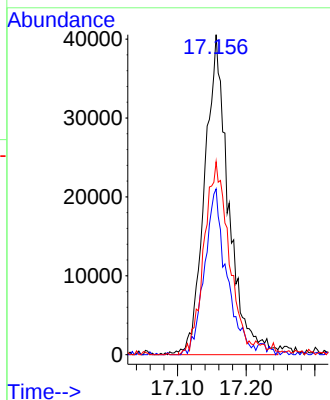
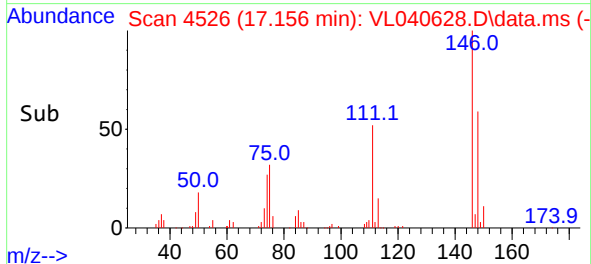
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



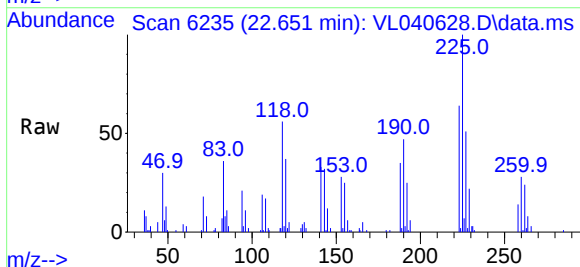
Tgt Ion:146 Resp: 9844
Ion Ratio Lower Upper
146 100
111 49.8 24.6 74.0
148 66.4 32.1 96.5

Manual Integrations
APPROVED

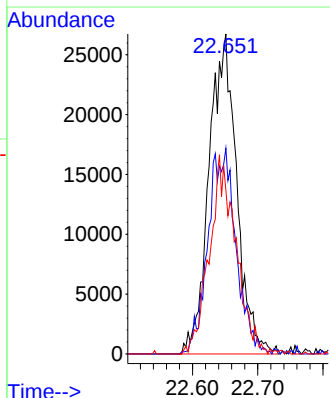
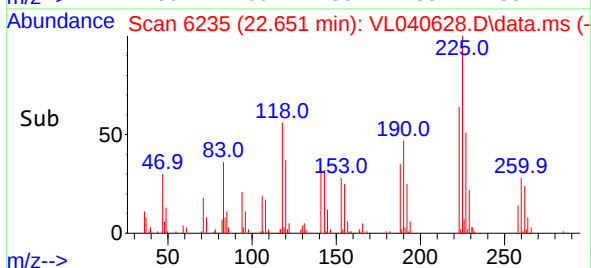
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

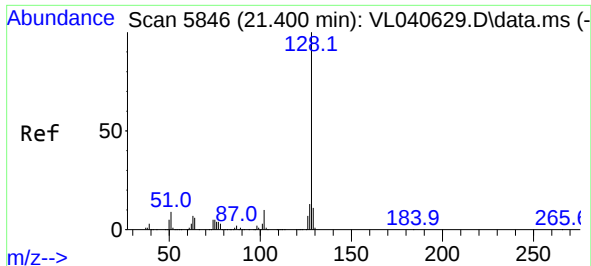


#78
Hexachloro-1,3-Butadiene
Concen: 0.570 ppbv m
RT: 22.651 min Scan# 6235
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



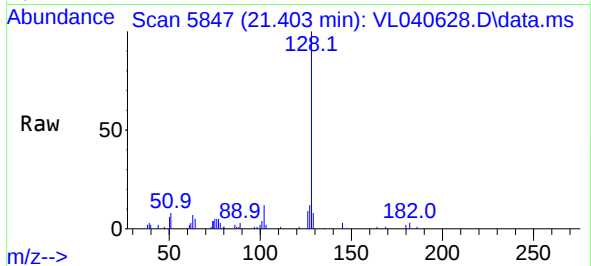
Tgt Ion:225 Resp: 78467
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 59.9 51.2 76.8





#79
Naphthalene
Concen: 0.437 ppbv m
RT: 21.403 min Scan# 5847
Delta R.T. 0.003 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37

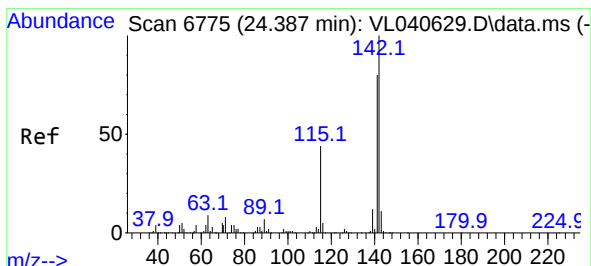
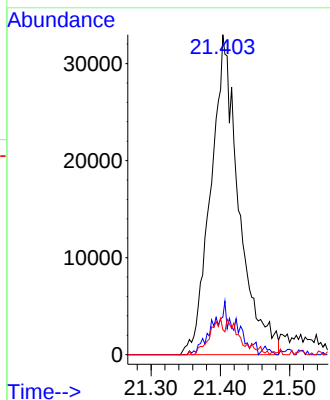
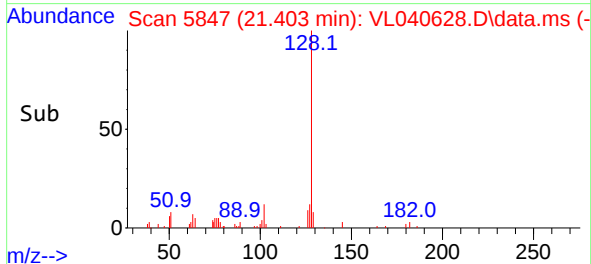
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



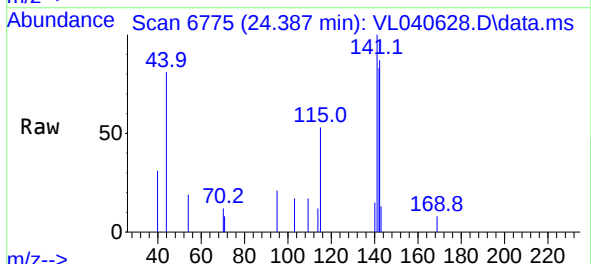
Tgt Ion:128 Resp: 9333
Ion Ratio Lower Upper
128 100
127 11.7 10.1 15.1
129 7.8 9.2 13.8

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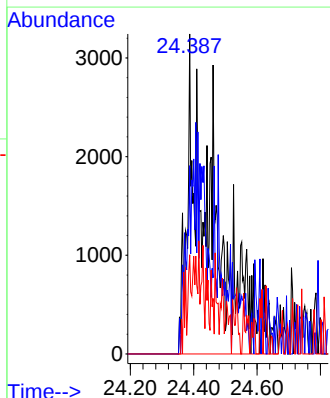
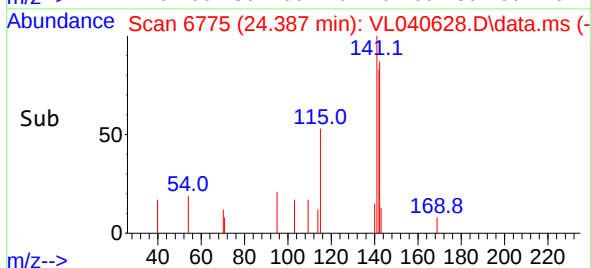
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

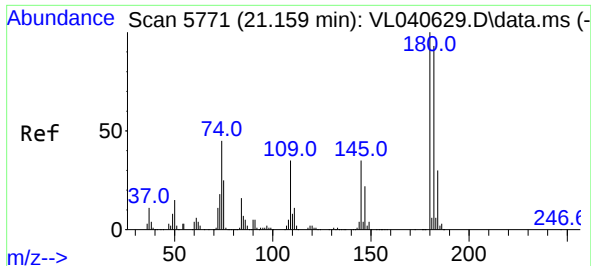


#80
Naphthalene,2-methyl-
Concen: 0.300 ppbv m
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040628.D
Acq: 15 Aug 2023 9:37



Tgt Ion:142 Resp: 17120
Ion Ratio Lower Upper
142 100
141 1.7 64.6 96.8#
115 1.2 33.7 50.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.465 ppbv m

RT: 21.159 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040628.D

Acq: 15 Aug 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:180 Resp: 6451

Ion Ratio Lower Upper

180 100

182 0.0 78.0 117.0

184 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023

